



TPDES PERMIT NO.
WQ0004350000
[For TCEQ office use only - EPA
I.D. No. TXS000901]

TEXAS COMMISSION
ON ENVIRONMENTAL QUALITY
P. O. Box 13087
Austin, Texas 78711-3087

This is a renewal of TPDES
Permit No. WQ0004350000,
issued on July 29, 2011.

PERMIT TO DISCHARGE UNDER THE TEXAS
POLLUTANT DISCHARGE ELIMINATION SYSTEM
under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

PART I: AUTHORIZATION

City of Fort Worth
1000 Throckmorton Street
Fort Worth, TX, 76164

Tarrant Regional Water District
P.O. Box 4508
Fort Worth, TX 76164

are authorized to discharge from to discharge from the City of Fort Worth Municipal Separate Storm
Sewer System (MS4) (SIC 9111)

including all areas, except for any agricultural lands, located within the corporate boundaries of the
City of Fort Worth that are served by, or otherwise contributing to discharges to the MS4 owned or
operated by the permittees, located in Tarrant, Denton, Parker, Wise and Johnson Counties, Texas,
76101-76124, 76126, 76127, 76129-76137, 76140, 76147, 76148, 76150, 76155, 76161-76164, 76166,
76177, 76179-76182, 76185, 76191-76193, 76195-76199, and 76244

via the MS4 to various ditches and tributaries that eventually reach West Fork Trinity River Below
Lake Worth, Lake Worth, West Fork Trinity River Below Eagle Mountain Reservoir, Eagle Mountain
Reservoir, Grapevine Lake, Lake Arlington, Clear Fork Trinity River Below Benbrook Lake, Benbrook
Lake, and Lower West Fork Trinity River in Segment Nos. 0806, 0807, 0808, 0809, 0826, 0828,
0829, 0830, and 0841 of the Trinity River Basin

only according to conditions set forth in this permit, as well as the rules of the Texas Commission on
Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The
issuance of this permit does not grant to the permittee the right to use private or public property for
conveyance of stormwater and certain non stormwater discharges along the discharge route described
in this permit. This includes, but is not limited to, property belonging to any individual, partnership,
corporation or other entity. Neither does this permit authorize any invasion of personal rights nor any
violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to
acquire property rights as may be necessary to use the discharge route.

This permit shall expire at midnight, five years from the date of issuance.

ISSUED DATE:

For the Commission

PART II: DISCHARGES AUTHORIZED BY THIS PERMIT, PERMITTEE RESPONSIBILITIES, - IMPAIRED WATER BODIES, AND TOTAL MAXIMUM DAILY LOAD (TMDL) REQUIREMENTS

A. Authorized Discharges.

1. This permit authorizes existing or new stormwater point source discharges to surface water in the state from those portions of the Municipal Separate Storm Sewer System (MS4) owned or operated by the permittees.
2. The following discharges, whether discharged separately or commingled with municipal stormwater, are not authorized by this permit:
 - a. discharges of non-stormwater;
 - b. stormwater discharges associated with industrial activity;
 - c. stormwater discharges that must be authorized by a Texas Pollutant Discharge Elimination System (TPDES) permit; and
 - d. discharges of materials resulting from a spill, except when necessary to prevent loss of life, personal injury, or severe property damage.
3. This permit does not negate any person's ability to assert the *force majeure* (Act of God, war, strike, riot, or other catastrophe) defenses found in 30 Texas Administrative Code (TAC) § 70.7.
4. This permit does not transfer liability for discharging without, or in violation of, a National Pollutant Discharge Elimination System (NPDES) or TPDES permit from the responsible party of the discharge to the permittees.
5. The requirements in this permit must provide substantial compliance with the Texas Surface Water Quality Standards (TSWQS) as specified in 30 TAC §§ 307.1-307.10.

B. Responsibilities of the permittees.

1. The permittees are individually responsible for:
 - a. compliance with permit conditions;
 - b. implementation of the Stormwater Management Program (SWMP);
 - c. compliance with annual reporting requirements;
 - d. collection of monitoring data, according to such agreements established between permittees; and
 - e. a plan of action to assume responsibility for implementation of the stormwater management and monitoring programs on its portions of the MS4 should inter-jurisdictional agreements allocating responsibility between permittees be dissolved or in default.

2. The permittees are jointly responsible for permit compliance on portions of the MS4 where operational or SWMP implementation authority over portions of the MS4 is shared or has been transferred from one permittee to another in accordance with legally binding agreements.

C. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements

1. Discharges of the pollutant(s) of concern to impaired water bodies where there is a TCEQ and EPA-approved total maximum daily load (TMDL) are not eligible for this permit unless they are consistent with the approved TMDL. A water body is impaired for purposes of the permit if it has been identified, pursuant to the latest TCEQ and EPA-approved Texas Integrated Report Index of Water Quality Impairment, as not meeting Texas Surface Water Quality Standards.
2. The permittees shall control the discharges of pollutant(s) of concern to impaired waters and waters with approved TMDLs as provided in section(s) a below and shall assess the progress in controlling those pollutants.

a. Discharges to Water Quality-Impaired Water Bodies with an Approved TMDL

For any portion of the MS4 that discharges to a portion of a watershed with an approved TMDL, and because stormwater has the potential to cause or contribute to the impairment, the permittees shall include in the SWMP controls targeting the pollutant(s) of concern along with any additional or modified controls required in the TMDL and this section.

The SWMP and required annual reports must include information on implementing any targeted controls required to reduce the pollutant(s) of concern as described below:

i. Targeted Controls

The SWMP must include a detailed description of all targeted controls to be implemented, such as identifying areas of focused effort or implementing additional Best Management Practices (BMPs) to reduce the pollutant(s) of concern in the impaired waters.

ii. Measurable Goals

For each targeted control, the SWMP must include a measurable goal and an implementation schedule describing BMPs to be implemented during each year of the permit term.

iii. Identification of Benchmarks

The SWMP must identify a benchmark for the pollutant(s) of concern. Benchmarks are designed to assist in determining if the BMPs established are effective in addressing the pollutant(s) of concern in stormwater discharge(s) from the MS4 to the maximum extent practicable (MEP). The BMPs addressing the pollutant of concern must be re-evaluated on an annual basis for progress towards the

benchmarks and modified as necessary within an adaptive management framework. These benchmarks are not numeric effluent limitations or permit conditions but are intended to be guidelines for evaluating progress towards reducing pollutant discharges consistent with the benchmarks. The exceedance of a benchmark is not a permit violation and does not by itself indicate a violation of instream water quality standards.

The benchmark must be determined based on one of the following options:

- A) If the MS4, or a portion thereof, is subject to a TMDL that identifies a Waste Load Allocation(s) (WLA) for permitted MS4 stormwater sources, then the SWMP may identify it as the benchmark. Where an aggregate allocation is used as a benchmark, all affected MS4 operators are jointly responsible for progress in meeting the benchmark and shall (jointly or individually) develop a monitoring/assessment plan as required in Part II.C.2.a.vi.
- B) Alternatively, if multiple MS4s are discharging into the same impaired watershed with an approved TMDL, with an aggregate WLA for all permitted stormwater MS4s, then the MS4s may combine or share efforts to determine an alternative sub-benchmark value for the pollutant(s) of concern (e.g., bacteria) for their respective MS4. The SWMP must clearly define this alternative approach and must describe how the sub-benchmark value would cumulatively support the aggregate WLA. Where an aggregate benchmark is broken into sub-benchmark values for individual MS4s, each permittee is only responsible for progress in meeting its sub-benchmark value.

iv. Annual Report

The annual report must include an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark value.

v. Impairment for Bacteria

If one of the pollutants of concern is bacteria, the permittees shall include focused BMPs addressing the below noted areas, as applicable, in the SWMP and implement as appropriate. If a TMDL Implementation Plan (I-Plan) is available, the permittees may refer to the I-Plan for appropriate BMPs or provide appropriate alternative BMPs. The SWMP and annual report must include the selected BMPs. Permittees may not exclude BMPs associated with the minimum control measures required under 40 CFR §122.34 from their list of proposed BMPs.

The BMPs shall, as appropriate, address the following:

A) Sanitary Sewer Systems

- 1) Make improvements to sanitary sewers to reduce overflows;
- 2) Address lift station inadequacies;
- 3) Improve reporting of overflows; and
- 4) Strengthen sanitary sewer use requirements to reduce blockage from fats, oils, and grease.

B) On-Site Sewage Facilities (for entities with appropriate jurisdiction)

- 1) Identify and address failing systems; and
- 2) Address inadequate maintenance of On-Site Sewage Facilities (OSSFs).

C) Illicit Discharges and Dumping

Put in place additional effort to reduce waste sources of bacteria; for example, from septic systems, grease traps, grit traps, or other sources.

D) Animal Sources

Expand existing management programs to identify and target animal sources such as zoos, pet waste, and horse stables.

E) Residential Education. Educate residents on the following:

- 1) Bacteria discharging from a residential site either during rainfall runoff events or directly;
- 2) Fats, oils, and grease clogging sanitary sewer lines and resulting overflows;
- 3) Maintenance and operation of decorative ponds; and
- 4) Proper disposal of pet waste.

vi. Monitoring or Assessment of Progress

The permittees shall monitor or assess progress in achieving benchmarks and determine the effectiveness of BMPs, and shall include documentation of this monitoring or assessment in the SWMP and annual reports. In addition, the SWMP must include methods to be used to assess progress.

A) The permittees may use either of the following methods to evaluate progress towards the benchmark and improvements in water quality:

1) Evaluating Program Implementation Measures

The permittees may evaluate and report progress towards the benchmark by describing the activities and BMPs

implemented, by identifying the appropriateness of the identified BMPs, and by evaluating the success of implementing the measurable goals.

The permittees may assess progress by using program implementation indicators such as: (1) number of sources identified or eliminated; (2) decrease in number of illegal dumping; (3) increase in illegal dumping reporting; (4) number of educational opportunities conducted; (5) reductions in sanitary sewer flows (SSOs); or, (6) increase in illegal discharge detection through dry screening, etc.

2) Assessing Improvements in Water Quality

The permittees may assess improvements in water quality by using available data for segment and assessment units of water bodies from other reliable sources, or by proposing and justifying a different approach such as collecting additional instream or outfall monitoring data, etc. Data may be acquired from TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate.

- B) Progress towards achieving the benchmark shall be reported in the annual report. Annual reports shall report the benchmark and the year(s) during the permit term that the MS4 conducted additional sampling or other assessment activities.

vii. Observing No Progress towards the Benchmark

If, by the end of the third year from the effective date of the permit, the permittees observe no progress toward the benchmark either from program implementation or water quality assessments as described in Part II.C.2.a.vi, the permittees shall identify alternative focused BMPs that address new or increased efforts towards the benchmark or, as appropriate, shall develop a new approach to identify the most significant sources of the pollutant(s) of concern and shall develop alternative focused BMPs for those (this may also include information that identifies issues beyond the MS4's control). These revised BMPs must be included in the SWMP and subsequent annual reports.

Where the permittees originally used a benchmark value based on an aggregated WLA, the permittees may combine or share efforts with other MS4s discharging to the same watershed to determine an alternative sub-benchmark value for the pollutant(s) of concern for their respective MS4s, as described in Part II.C.2.a.iii.B) above. The permittees must document, in their SWMP for the next permit term, the proposed schedule for the development and subsequent adoption of alternative sub-benchmarks values for the pollutant(s) of concern for their respective MS4s and associated assessment of progress in meeting those individual benchmarks.

PART III: STORMWATER MANAGEMENT PROGRAM

A. Overview.

1. To control the quality of stormwater discharged from the MS4 that reach waters of the U.S., the permittees shall continue implementation of the comprehensive Stormwater Management Program (SWMP) revising and modifying as needed. The SWMP will include:
 - a. pollution prevention measures;
 - b. treatment or pollutant removal techniques;
 - c. stormwater monitoring;
 - d. use of legal authority; and
 - e. other appropriate measures.
2. New and existing elements of the SWMP must be modified or revised as needed to include measurable goals. The measurable goals must include, as appropriate, the months and years where the permittees will undertake required actions, including interim milestones and the frequency of the action of each MCM described in Part III.B. of this permit.
3. The SWMP, taken as a whole, must include controls necessary to effectively prohibit the discharge of non-stormwater into the MS4 (except as described in Part III, Section B.2.c. of this permit) and reduce the discharge of pollutants from the MS4 to the maximum extent practicable.
4. The SWMP must cover the term of the permit and must be updated as necessary or as required by the TCEQ to ensure compliance with Clean Water Act (CWA) Section 402, Texas Water Code Chapter 26, applicable EPA and TCEQ regulations, and the requirements of this TPDES permit. Any modifications to the SWMP shall be made in accordance with Part III, Section G.2. of this permit. Compliance with the SWMP is defined as compliance with Part III, Section B. The SWMP and all approved updates are incorporated by reference.
5. The controls and Best Management Practices (BMPs) included in the SWMP constitute effluent limitations for the purposes of compliance with the requirements of 30 TAC Chapter 319, Subchapter B, related to Hazardous Metals, unless otherwise limited in the permit.

B. SWMP Components.

1. The SWMP must contain the following minimum control measures (MCMs) for:
 - a. MS4 maintenance activities;
 - b. post-construction stormwater control measures;
 - c. detection and elimination of illicit discharges;

- d. pollution prevention and good housekeeping for municipal operations;
- e. limiting pollutants in industrial and high risk stormwater runoff;
- f. limiting pollutants in stormwater runoff from construction sites;
- g. public education, outreach, involvement, and participation; and
- h. monitoring, evaluating, and reporting.

The SWMP must describe a program or plan of compliance with Impaired Water Bodies and TMDL requirements, as provided in Part II, Section C. 2. a. of the permit and any applicable TMDL I-Plans.

- 2. The permittees shall ensure that the following list of MCMs is implemented.
 - a. MCM 1, MS4 Maintenance Activities.
 - i. Structural Controls. To the maximum extent practicable (MEP), the permittees shall continue to operate and maintain the MS4, including any stormwater structural controls, in such a manner as to reduce erosion and the discharge of pollutants.
 - ii. Floatables. The permittees shall continue to implement a program to reduce the discharge of floatables (for example, litter and other human-generated solid refuse) into the MS4. The permittees shall include source controls at a minimum and structural controls and other appropriate controls where necessary.
 - iii. Roadways. The permittees shall continue to operate and maintain public streets, roads, and highways to minimize the discharge of pollutants, including pollutants related to deicing or sanding activities.
 - b. MCM 2, Post-Construction Stormwater Control Measures.
 - i. The permittees shall continue implementation and enforcement of the controls to minimize the discharge of pollutants from areas of new development and significant redevelopment after construction is completed. The goals of such controls must include:
 - A) limiting increases in erosion and the discharge of pollutants in stormwater as a result of new development; and
 - B) reducing erosion and the discharge of pollutants in stormwater from areas of redevelopment.
 - ii. The permittee shall continue to implement a comprehensive master planning process (or equivalent) to include all new development and redevelopment projects that disturb one acre or more of land, including projects less than one acre that are part of a larger common plan of development or sale that will result in the disturbance of one acre or more.

- iii. The permittees shall evaluate the existing SWMP as necessary to ensure that this MCM includes a regulatory mechanism, such as an ordinance, to implement and enforce the new requirements of this program and shall ensure that the SWMP includes strategies for structural and non-structural controls (i.e., BMPs) appropriate for the community. In addition, the permittees shall provide for adequate long-term operation and maintenance of BMPs.
 - iv. The permittees shall assess the impacts on the receiving water(s) for all flood control projects. Where feasible, new flood control structures must be designed, constructed, and maintained to provide erosion prevention and pollutant removal from stormwater. If applicable, the retrofitting of existing structural flood control devices to provide additional pollutant removal from stormwater shall be implemented to the maximum extent practicable.
- c. MCM 3, Illicit Discharge Detection and Elimination.
- i. The permittees shall prohibit illicit non-stormwater discharges from entering the MS4. The permittees shall continue to develop a program, including a schedule, to detect and eliminate illicit discharges and improper disposal into the MS4. This program shall include:
 - A) A description of the program, including inspections, to implement and enforce an ordinance, orders, or similar means to prevent illicit discharges to the MS4;
 - B) A description of procedures to conduct on-going field screening activities, including areas or locations that will be evaluated by such field screens;
 - C) A description of procedures to be followed to investigate portions of the MS4 that indicate a reasonable potential of containing illicit discharges or other sources of non-stormwater;
 - D) A description of procedures to prevent, contain, and respond to spills that may discharge into the MS4;
 - E) A description of a program to promote, publicize, and facilitate public reporting of illicit discharges or water quality impacts associated with discharges from the MS4;
 - F) A description of educational activities, public information activities, and other appropriate activities to facilitate the proper management and disposal of used oil and toxic materials; and
 - G) A description of controls to limit infiltration of seepage from municipal sanitary sewers to the MS4 where necessary.
 - ii. For the purposes of this permit, the following discharges need not be addressed as illicit discharges by the permittees nor prohibited from

entering the MS4:

- A) discharges regulated by a separate NPDES or TPDES permit;
 - B) discharges for which an NPDES or TPDES permit application has been submitted or neither an NPDES nor TPDES permit is required; and
 - C) miscellaneous non-stormwater discharges (See list in item iv below).
- iii. The SWMP must identify all categories of miscellaneous, non-stormwater discharges that may be discharged into the MS4, and include a description of any local controls or conditions placed on discharges exempted from the prohibition on non-stormwater.
- iv. Miscellaneous, non-stormwater discharges that may be authorized by the permittees include:
- A) water line flushing;
 - B) landscape irrigation;
 - C) diverted stream flows;
 - D) rising ground waters;
 - E) uncontaminated ground water infiltration;
 - F) uncontaminated pumped ground water;
 - G) discharges from potable water sources;
 - H) foundation drains;
 - I) air conditioning condensation;
 - J) irrigation water;
 - K) springs;
 - L) water from crawl space pumps;
 - M) footing drains;
 - N) lawn watering;
 - O) street wash water;
 - P) individual residential vehicle washing;
 - Q) wash waters using only potable water, and which are similar in quality and character to street wash water or individual residential

- vehicle washing but without the use of detergents or surfactants;
 - R) flows from riparian habitats and wetlands;
 - S) dechlorinated swimming pool discharges;
 - T) other allowable non-stormwater discharges listed in 40 CFR § 122.26(d)(2)(iv)(B)(1);
 - U) other allowable non-stormwater discharges listed in the TPDES Construction General Permit No. TXR150000 and TPDES Multi-Sector General Permit No. TXR050000; and
 - V) other similar occasional incidental non-stormwater discharges as determined in item ii. above).
- v. Program descriptions must address discharges or flows from fire-fighting activities only where such discharges or flows are identified as significant sources of pollutants.
- vi. The permittees shall prohibit any individual non-stormwater discharge otherwise exempted under this paragraph from the prohibition on non-stormwater if it is determined by the permittees that the discharge is contributing significant amounts of pollutants to the MS4.
- vii. Elimination of Illicit Discharges and Improper Disposal.
- A) The permittees shall continue to require the operator of an illicit discharge or improper disposal practice to eliminate the illicit discharge or stop the improper disposal practice as quickly as reasonably possible. If the elimination of an illicit discharge within 30 days is not possible, the permittees shall continue to require the operator of the illicit discharge to remove the discharge according to an expeditious schedule. Until the illicit discharge or improper disposal is eliminated the permittees shall continue to require the operator of the illicit discharge to take all reasonable measures to minimize the discharge of pollutants to the MS4.
 - B) The permittees shall continue to:
 - 1) keep a list of techniques used for detecting illicit discharges and revise the list as necessary; and
 - 2) use appropriate actions and enforcement procedures for removing the source of an illicit discharge, and revise where necessary.
- viii. Overflows and Infiltration. The permittees shall continue to implement controls where necessary and feasible to prevent dry weather and wet weather overflows from sanitary sewers into the MS4. The permittees shall continue to limit the infiltration of seepage from municipal sanitary sewers into the MS4.

- ix. Household Hazardous Waste and Used Motor Vehicle Fluids. The permittees shall prohibit the discharge or disposal of used motor vehicle fluids and household hazardous wastes, and the intentional disposal of collected quantities of grass clippings, leaf litter, and animal wastes into the MS4.
 - A) The permittees shall continue to ensure the implementation of programs to collect used motor vehicle fluids (including, at a minimum, oil and antifreeze) and household hazardous waste materials (including paint, solvents, pesticides, herbicides, and other hazardous materials) for recycling, reuse, or proper disposal. Such programs shall be readily available to the residential sector within the MS4 and shall be publicized and promoted on a regular basis.
 - B) Household hazardous waste collection centers that are operated by the permittees as a SWMP element are not an industrial activity requiring a separate TPDES authorization for the discharge of stormwater.
- x. MS4 Screening and Illicit Discharge Inspections. To locate portions of the MS4 with suspected illicit discharges and improper disposals, the permittees shall continue implementation of the Dry Weather Screening Program described in Part III, Section B.2.h.i. of this permit. Follow-up activities to eliminate illicit discharges and improper disposals may be prioritized on the basis of magnitude and the nature of the suspected discharge, sensitivity of the receiving water, or other relevant factors. The entire MS4, but not necessarily each individual outfall, shall continue to be screened at least once per five years.
- xi. Priority Areas. *Within one year from the date of permit issuance*, the permittees shall develop a list of priority areas likely to have illicit discharges. The permittees shall continue to evaluate and update this list each year and report the results in the annual report.
- xii. NPDES and TPDES Permittee List. The permittees shall maintain an updated list of dischargers that discharge directly to the MS4 and that have been issued an NPDES or a TPDES permit. The list shall include the name, location, and permit number (if known) of the discharger.
- xiii. MS4 Map.
 - A) The permittees shall maintain a current, accurate MS4 map of the location of all MS4 outfalls; the names and locations of all waters of the U.S. that receive discharges from the outfalls; and any additional information needed by the permittees to implement their SWMP. Where possible, the permittees shall use the Global Positioning System (GPS) to locate outfalls and photographs for documenting baseline conditions.
 - B) The permittees shall document the source information used to

- develop the MS4 map, including how the outfalls are verified and the process regarding how the map will be regularly updated.
- C) New MS4 Areas: The permittees shall continue to develop and implement procedures to ensure that the above mapping requirements in Part III.B.2.c.xiii are met for any new additions to the MS4.
 - D) Existing MS4 Areas: The permittees shall continue evaluate all existing portions of the MS4 and that the mapping requirements have been implemented to the maximum extent practicable.
- xiv. Spill Prevention and Response. The permittees shall continue to implement existing programs that prevent, contain, and respond to spills that may discharge into the MS4. The spill response programs may include:
- A) a combination of spill response actions by the permittees or another public or private entity; and
 - B) legal requirements for private entities within the jurisdiction of the permittees.
- d. MCM 4, Pollution Prevention and Good Housekeeping for Municipal Operations.
- i. Pollution Prevention and Good Housekeeping program. The permittees shall continue to implement a pollution prevention and good housekeeping program for municipal operations. The program must include MCMs that address:
 - A) identification and implementation of good housekeeping and best management practices (BMPs) to reduce pollutant runoff from municipal operations, such as street and highway maintenance, parks, municipal office buildings, and water treatment plants;
 - B) reduction of discharge of pollutants to the MEP from road repair, equipment yards, material storage facilities, or maintenance facilities;
 - C) training for all employees responsible for municipal operations, which includes information on preventing and reducing stormwater pollution from all municipal operations subject to this MCM; and
 - D) within one year from the date of permit issuance, implement a program for) structural control maintenance.
 - ii. Waste Handling. The permittees shall ensure that waste removed from the MS4 or other municipal operations is properly disposed.
 - iii. Pesticide, Herbicide, and Fertilizer Application. The permittees shall continue to implement controls to reduce the discharge of pollutants

related to the storage and application of pesticides, herbicides, and fertilizers, by their employees or contractors, to public rights-of-way, parks, or other municipal property. If the permittees have jurisdiction over lands they do not directly own (e.g. incorporated city), they shall implement programs to reduce the discharge of pollutants related to the commercial application and distribution of pesticides, herbicides, and fertilizers on those lands.

- iv. List of Municipal Facilities. The SWMP must include a list of all municipal operations subject to the municipal operation, maintenance, and training programs listed under this MCM and all municipally owned and operated industrial activities subject to TPDES or NPDES industrial stormwater regulations.
- e. MCM 5, Industrial and High Risk Runoff.
 - i. The permittees shall continue to improve their existing programs to identify and control pollutants in stormwater discharges to the MS4 from: municipal landfills; other treatment, storage, or disposal facilities for municipal waste (e.g., transfer stations, incinerators, etc.); hazardous waste treatment, storage, disposal and recovery facilities; facilities that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313; and any other industrial or commercial discharge the permittees determine to be contributing a substantial pollutant loading to the MS4.
 - ii. This MCM must include:
 - A) priorities and procedures for inspections and for establishing and implementing control measures for such discharges; and
 - B) an Industrial and High Risk Monitoring Program as described in Part III, Section B.2.h.iii. of this permit.
- f. MCM 6, Construction Site Stormwater Runoff.
 - i. The permittees shall continue to implement a program to reduce the discharge of pollutants into the MS4 from construction sites. This MCM must include an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under State or local law. The permittees shall continue to ensure that the existing program is revised as necessary to address construction projects that result in a land disturbance of one acre or more, including activities disturbing less than one acre that are part of a larger common plan of development or sale that would disturb one acre or more.
 - ii. This MCM must include:
 - A) requirements to use and maintain appropriate erosion and sediment control BMPs to reduce pollutants discharged to the MS4 from construction sites;

- B) requirements for construction site operators to address the control of site waste, such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste; (SWP₃)?
 - C) requirements for inspections of construction sites and enforcement of control measure requirements;
 - D) requirements for the permittees to provide appropriate education and training measures to construction site operators; Add cons Inspector
 - E) notifications to construction site operators of their potential responsibilities under the NPDES or TPDES permitting regulations and permits for construction site runoff;
 - F) procedures for site plan review that incorporate consideration of potential water quality impacts;
 - G) procedures for receiving and considering input received from the public; and
 - H) a description of a program to implement and maintain structural and non-structural BMPs to reduce pollutants in stormwater runoff from construction sites to the MS4, which must include a description of the following:
 - 1) procedures for site planning which incorporate consideration of potential water quality impacts;
 - 2) requirements for nonstructural and structural best management practices;
 - 3) procedures for identifying priorities for inspecting sites and enforcing control measures that consider the nature of the construction activity, topography, and the characteristics of soils and receiving water quality; and
 - 4) appropriate educational and training measures for construction site operators.
- iii. Lists of Sites. The permittees shall maintain a current list of construction sites that discharge directly to the MS4 and that have been issued an NPDES or TPDES permit. The list must include the name, location and permit number of the discharges that have been authorized under an NPDES or TPDES stormwater discharge permit for construction activities (if known).
- iv. The permittees shall ensure and demonstrate that this MCM includes the following elements, in addition to those listed above:
- ✓ A) The permittees shall require construction site contractors to implement appropriate erosion and sediment control BMPs and control waste (for example, discarded building materials, concrete

truck washout water, chemicals, litter, and sanitary waste) at the construction site that may cause adverse impacts to water quality.

- B) The permittees shall develop procedures for site plan reviews that incorporate consideration of potential water quality impacts, receipt and consideration of information submitted by the public, and site inspections and enforcement of control measures to the extent allowable under state and local law.
- g. MCM 7, Public Education, Outreach, Involvement and Participation.
- i. Public Education and Outreach
 - A) The permittees shall document and ensure that the SWMP promotes, publicizes, and facilitates public education and outreach to residents, visitors, public service employees, businesses, commercial and industrial facilities, and construction site personnel and provide justification for any group that is not addressed by the program. The permittees shall document the activities conducted and materials used to fulfill this program element and provide enough detail to demonstrate the amount of educational and outreach resources and materials used to address each group.
 - B) The permittees shall continue to implement a public education and outreach program component to promote, publicize, and facilitate:
 - 1) public reporting of illicit discharges or improper disposal of materials, including floatables, into the MS4;
 - 2) the proper management and disposal of used oil and household hazardous wastes; and
 - 3) the proper use, application, and disposal of pesticides, herbicides, and fertilizers by public, commercial, and private applicators and distributors.
 - ii. Public Involvement and Participation.

The permittees shall continue to develop and implement a public involvement and participation program which complies with State, Tribal, and local public notice requirements. This program element must include opportunities for a wide variety of constituents within the MS4 area to participate in the SWMP development and implementation.
- h. MCM 8, Monitoring, Evaluating, and Reporting. The permittees shall continue to implement, and modify as necessary, the following monitoring or screening programs for dry weather, wet weather, and industrial and high risk runoff:
- i. Dry Weather Screening Program. This program shall continue the permittee's/permittees' efforts to detect the presence of illicit connections and improper discharges to the MS4. All areas of the MS4 must be screened at least once during the permit term. The permittees may utilize

modified screening methods based on experience gained during previous field screening activities; the screening methods are not required to conform to the protocol in 40 CFR § 122.26(d)(1)(iv)(D). Sample collection and analysis is not required to conform to the requirements of Part V, Section B.2. of this permit, "Test Procedures."

- ii. Wet Weather Screening Program: The permittees shall identify, investigate, and address areas within their jurisdictions that may be contributing excessive levels of pollutants to the MS4.

The wet weather screening program shall:

- A) screen the MS4, as specified in the SWMP; and
- B) specify the sampling and non-sampling techniques to be used for current screening and also for follow-up screening.

Sample collection and analysis for the Wet Weather Screening Program is not required to conform to the requirements of Part V, Section B.2. of this permit, "Test Procedures." However, samples taken to confirm (e.g., in support of possible legal action) a particular illicit connection or improper disposal practice must conform to the requirements of Part V.B.2.

- iii. Industrial and High Risk Runoff Monitoring Program.

- A) This program must include monitoring for pollutants in stormwater discharges to the MS4 from municipal landfills; other treatment, storage, or disposal facilities for municipal waste (e.g., transfer stations, incinerators, etc.); hazardous waste treatment, storage, disposal and recovery facilities; facilities that are subject to EPCRA Title III, Section 313; and any other industrial or commercial discharge the permittees determines to be contributing a substantial pollutant loading to the MS4.

- B) The Industrial and High Risk Runoff Monitoring Program must include the collection of quantitative data on parameters that have been identified by the permittees as a pollutant of concern for that facility and shall:

- 1) coincide with the corresponding industrial sector-specific requirements of the TPDES Multi-Sector General Permit No. TXR050000 or any applicable general permit issued after September 29, 1995, and is not contingent on whether a particular facility is actually covered by the general permit;
- 2) coincide with the monitoring requirements of any individual permit for the stormwater discharges from that facility; and
- 3) include pollutants of concern for the stormwater discharge from that facility as identified by the permittees.

- C) To avoid the duplication of efforts, the permittees may review data

collected by a facility as required by any state of federally issued individual permit or general permit authorization for that facility rather than performing additional sample collection and analysis.

- D) In lieu of the monitoring discussed above, the permittees may accept a "no exposure" certification from a facility, which certifies that raw and waste materials, final and intermediate products, by-products, material handling equipment or activities, industrial machinery or operations, or significant materials from past industrial activity are not presently exposed to stormwater and are not expected to be exposed to stormwater for the certification period. Where a permittee accepts a "no exposure" certification, the permittee shall conduct site inspections of the facility not less than once per permit term OR to verify the "no exposure" certification; the permittees may waive this inspection for those facilities which participate in the TCEQ's Small Business and Local Government Assistance Compliance Commitment (C2) Program.
- E) The permittees may also waive monitoring requirements under this permit for facilities that they determine are in compliance with the TPDES Multi-Sector General Permit No. TXR050000.

- iv. Storm Event Discharge Monitoring. The permittees shall comply with the monitoring requirements in Part IV of this permit to characterize the discharge from the MS4.
- v. Floatables Monitoring. The permittees shall implement a floatables program as described in Part IV, Section B of this permit.

C. Deadlines for SWMP Compliance. The permittees shall continue with existing programs, updating when necessary, to comply with the requirements of this permit. Full implementation of the SWMP is required upon permit issuance, except for the new requirements of the permit that include a specific compliance period.

- 1. The permittees shall demonstrate that they have fully implemented the new SWMP program elements and control measures *within one year from the date of permit issuance*, as described below and in Part III, Section B. of this permit:
 - a. Part III, Section B.2.c.vii.B), relating to the detection and elimination of illicit discharges;
 - b. Part III, Section B.2.d.i., relating to the pollution prevention/good housekeeping program for municipal operations;
- 2. Compliance with any new SWMP requirements that do not include a compliance schedule in the permit is required *within one year from the date of permit issuance*.
- 3. If the permittees choose to monitor stormwater discharges according to Part IV, Section A.2. of the permit, then the permittees shall submit the following to the Stormwater & Pretreatment Team, MC-148:
 - a. *within 90 days of the date of permit issuance*, a letter indicating that the

outfalls included in Part IV, Section A.2. of this permit are representative of the land use activities which discharge into the MS4; or

- b. *within 180 days of the date of permit issuance*, a letter indicating that the outfalls included in Part IV, Section A.2. of this permit are not representative of the land use activities which discharge to the MS4, with a list of the additional outfalls and revised locations.
4. Compliance Schedules: During each permit year, the permittees shall demonstrate, at a minimum, partial compliance with each new requirement.
- E. **Roles and Responsibilities of Permittees.** For shared programs, the SWMP shall clearly identify the roles and responsibilities of each permittee.
- F. **Legal Authority.** Each permittee shall ensure it has the legal authority to control discharges to and from those portions of the MS4 over which it has jurisdiction. This legal authority may be a combination of statute, ordinance, permit, contract, order, or inter-jurisdictional agreements with municipal entities with existing legal authority to:
 1. control the contribution of pollutants to the MS4 by stormwater discharges associated with industrial activity and the quality of stormwater discharged from sites of industrial activity;
 2. prohibit illicit discharges to the MS4;
 3. control the discharge of spills and the dumping or disposal of materials other than stormwater (e.g., industrial and commercial wastes, trash, used motor vehicle fluids, leaf litter, grass clippings, animal wastes) into the MS4;
 4. control through interagency agreements among permittees the contribution of pollutants from one portion of the MS4 to another;
 5. require compliance with conditions in ordinances, permits, contracts, or orders; and
 6. carry out all inspection, surveillance, and monitoring procedures necessary to determine compliance with permit conditions.
- G. **SWMP Resources.** The permittees shall provide adequate finances, staff, equipment, and support capabilities to implement their activities required by the SWMP.
- H. **SWMP Review and Updates.**
 1. SWMP Review. The permittees shall participate in the annual review of the current SWMP in conjunction with the preparation of the annual report required under this permit.
 2. SWMP Updates Requested by the Permittees. No permittee shall revise the SWMP without the prior written approval of the TCEQ unless the modification is to add controls or replace a less effective or infeasible BMP with an alternate BMP.
 - a. The permittees may add components, controls, or requirements to the SWMP at any time upon written notification to the TCEQ.

- b. The permittees, at any time, may request authorization to replace less effective or infeasible BMPs specifically identified in the SWMP with alternate BMPs. Unless denied in writing by the TCEQ, the change shall be considered approved and may be implemented by the permittees 60 days from submittal of the request. Such requests must include the following:
 - i. an explanation of why the BMP was eliminated;
 - ii. an explanation of the effectiveness of the replacement BMP; and
 - iii. an explanation of why the replacement BMP is expected to achieve the goals of the replaced BMP.
 - c. If the permittees determine that a component, control, or requirement is not effective in reducing or eliminating the impacts of pollutants on water quality, then the permittees may remove this BMP without replacement only after receiving written approval from the TCEQ's Stormwater & Pretreatment Team. The permittees shall submit this request in writing to the TCEQ Stormwater & Pretreatment Team (MC-148) and shall include an explanation as to why the BMP is considered ineffective, as well as the method of review that was utilized to determine its ineffectiveness. The permittees shall also demonstrate that the permit discharges from the MS4 will continue to meet the maximum extent practicable (MEP) standard for reducing pollutants, as well as the water quality requirements, after the BMP is removed.
 - d. Changes resulting from any compliance schedules contained in this permit may be requested following completion of an interim task or final deadline. Unless denied in writing by the TCEQ, proposed changes meeting the criteria contained in the applicable schedule shall be considered approved and may be implemented by the permittees 60 days from submittal date.
 - e. Change requests or notifications must be made in writing to the TCEQ's Stormwater & Pretreatment Team (MC-148), signed by all directly affected permittees in accordance with Part V, Section B.8. of this permit, and must include a certification that all permittees were given an opportunity to comment on the proposed changes prior to submittal to the TCEQ.
3. SWMP Updates Required by the TCEQ.
- a. The TCEQ may require changes to the SWMP through a permit amendment or modification as needed to:
 - i. address impacts on receiving water quality either caused or contributed to by discharges from the MS4;
 - ii. include more stringent requirements necessary to comply with new state or federal statutory or regulatory requirements;
 - iii. include such other conditions deemed necessary to comply with the goals and requirements of the Texas Water Code or the Clean Water Act; or
 - iv. incorporate new program elements necessary to continue to meet the

MEP standard.

- b. If the TCEQ requires changes to the SWMP, the changes will be made through a permit amendment, which will be conducted in accordance with 30 TAC § 305.62. Prior to making any changes to the SWMP, the TCEQ will:
 - i. notify the permittees in writing of the required changes;
 - ii. provide an explanation of the required changes;
 - iii. set forth the time schedule for the permittees to develop these changes; and
 - iv. allow the permittees an opportunity to propose alternative program changes to meet the objective of the request.
4. Transfer of Ownership, Operational Authority, or Responsibility for SWMP Implementation.
 - a. The permittees shall implement the SWMP on all new areas added to their portion of the MS4 (or for areas where they become responsible for implementation of stormwater quality controls) as expeditiously as practicable, but not later than three years from addition of the new areas. Implementation may be accomplished in a phased manner to allow additional time for controls that cannot be implemented immediately.
 - b. *Within 90 days of a transfer of ownership, operational authority, or responsibility for SWMP implementation, the permittees shall have a plan for implementing the SWMP on all affected areas. The plan may include schedules for implementation. Information on all new annexed areas and any resulting updates required to the SWMP shall be included in the annual report.*
5. Retention of Records. The permittee shall retain the SWMP and all associated records for at least three years after coverage under this permit terminates.

PART IV. MONITORING AND REPORTING REQUIREMENTS

- A. **Storm Event Discharge Monitoring:** Beginning upon permit issuance (unless stated otherwise), the permittees shall implement a Wet Weather Characterization sampling program in accordance with Option 1, 2, or 3; Part IV, Section A.1, Part IV, Section A.2., or Part IV, Section A.3.
 1. **Option 1: Regional Wet Weather Characterization Program (RWWCP).** The permittees may participate in the TCEQ approved North Central Texas Council of Government (NCTCOG) RWWCP as approved by the TCEQ on June 30, 2017. If this option is selected by the permittees, the RWWCP must be implemented according to the schedule provided in the approved RWWCP. If the program is implemented prior to this permit issuance date, the permittees may use the results of all sampling that is conducted prior to permit issuance to comply with this requirement.
 - a. The permittees shall collect and analyze samples for the following parameters or as listed in the most recently approved RWWCP:

Oil & grease;
pH;
E.coli;
total, dissolved solids (TDS);
total suspended solids (TSS);
biochemical oxygen demand (BOD);
chemical oxygen demand (COD);
total nitrogen;
dissolved phosphorus;
total phosphorus;
atrazine;
total arsenic;
total chromium;
total copper;
total lead;
total zinc;
ammonia nitrogen;
nitrate nitrogen;
orthophosphate; and any other pollutants the permittee determine
are necessary to meet the goals of the RWWCP.

- b. The RWWCP must describe how the information collected and analyzed under the RWWCP will meet or exceed the goals of the sampling identified in Part IV, Section A.2.
 - c. The permittees shall coordinate with all participants in the RWWCP on proposed amendments to the approved regional program. Amendment requests may be submitted for TCEQ consideration at any time. Such requests must be submitted in writing to the TCEQ's Stormwater & Pretreatment Team (MC-148) and may only be implemented following written approval by the TCEQ.
2. **Option 2: Representative Monitoring.** In lieu of the RWWCP described in Section A.1. above, the permittees may either conduct representative monitoring as described in this section or conduct rapid bioassessment protocol as described in the next section (A.3.). To characterize the quality of stormwater discharges from the MS4 monitoring shall be collected from representative outfalls, internal sampling stations, or instream monitoring locations
- a. **Monitoring Requirements and Locations.** During the period beginning upon date of issuance and lasting through date of expiration, the permittees are authorized to discharge from the MS4 subject to the following requirements.
 - b. **Pollutants.** The permittees shall analyze each collected monitoring sample for the following parameters and shall report the daily maximum concentration in milligrams per liter (mg/L) except as indicated:

Biochemical oxygen demand, 5-day (BOD₅);

chemical oxygen demand (COD);
oil and grease;
total suspended solids (TSS);
total dissolved solids (TDS);
total nitrogen;
total kjeldahl nitrogen (TKN);
nitrate+nitrite;
total arsenic;
total phosphorus;
dissolved phosphorus;
total cadmium (micrograms per liter, or $\mu\text{g/L}$);
total chromium ($\mu\text{g/L}$);
total copper ($\mu\text{g/L}$);
total lead ($\mu\text{g/L}$);
total zinc ($\mu\text{g/L}$);
E. coli (Most Probable Number (MPN)/100 mL; or colony forming units, (cfu)
per 100 mL);
fecal streptococcus (in cfu MPN/100 mL);
pH (report daily minimum and daily maximum results in standard units,
"S.U.");
hardness (as CaCO_3);
temperature (degrees Centigrade, $^{\circ}\text{C}$); and
Atrazine ($\mu\text{g/L}$).

- c. The permittee shall collect composite samples for all pollutants except as described in Part IV, Section A.6. below.
- d. Monitoring frequency for each pollutant is once per season (1/season) during each year of permit term unless monitoring under the representative Rapid Bioassessment Monitoring Option (See Part IV, Section A.2.). The pH shall be monitored 1/Season (*1) by grab sample, and the permittees shall report the minimum and maximum values in standard units. Seasonal monitoring periods are:
 - i. September-February (two samples/station)
 - ii. March to August (one sample/station)
- e. Sample Locations.
 - i. Discharge monitoring samples shall be collected at the following locations:

Outfall 001, located at Eastern Hills High School at Weiler Drive (City)
Outfall 002, located at Joel East Road at Oak Grove (City)
Outfall 003, located at Deer Creek at I-35 (TRWD), and
Outfall 004, located at Sycamore Creek at Vickery Street (City)
 - ii. Alternate representative monitoring locations may be substituted for just cause during the term of the permit.

- iii. Requests for permanent approval of alternate monitoring locations must be made as minor amendment application and must be submitted to the TCEQ's Application Review and Processing Team (MC-148). The application must include the rationale for the requested monitoring station relocation.
 - iv. Requests for temporary approval to substitute monitoring locations (for safety concerns, repairing an outfall, etc.) may be made at any time in writing to the TCEQ's Stormwater & Pretreatment Team (MC-148). Unless disapproved by the TCEQ, or unless the outfall contains numeric effluent limitations, temporary (i.e., for one year or less) use of an alternate monitoring location may commence 30 days from the date of the request. For outfalls where numeric effluent limitations have been established and for permanent changes to locations, the permit must be modified prior to substitution of alternate monitoring locations.
3. **Option 3: Representative Rapid Bioassessment Monitoring.** The permittees have the option of developing and implementing a rapid bioassessment monitoring program.
- a. If the permittees implement a rapid bioassessment monitoring program, they shall submit the rapid bioassessment monitoring program to the TCEQ Stormwater & Pretreatment Team (MC-148) for approval no later than one year from the date of permit issuance. The proposal must include an appropriate bioassessment monitoring protocol (e.g., based on EPA published protocol) and the permittees shall provide written notification to the TCEQ's Stormwater & Pretreatment Team at least 14 days prior to commencing a rapid bioassessment monitoring program.
 - b. The permittees may implement the alternate rapid bioassessment program, unless it is contacted in writing by the TCEQ within 60 days of the date the written notification was provided to the TCEQ.
 - b. The permittees shall obtain all necessary aquatic wildlife permits from appropriate State or Federal agencies.
 - c. Monitoring of the MS4 must be conducted as described in Part IV, Section A.2. of this permit, except that monitoring for years two, three, and five are no longer required; however, if the permittees had previously chosen to monitor according to the RWWCP, then the permittees shall sample each watershed once per permit term as described in Part IV, Section A.1 of this permit or as otherwise prescribed in the latest approved RWWCP. All other requirements of Part IV, Section A of this permit remain unchanged.
 - d. An alternate rapid bioassessment monitoring program must include requirements for the permittees to monitor:
 - i. a station in at least two water bodies receiving stormwater discharges from the MS4 and a reference site located within the same ecological region as the MS4. Monitoring needs to be conducted using TCEQ metrics;
 - ii. each monitoring station at least twice per year, with monitoring

- iii. conducted at essentially the same time periods each year; and
the reference site within a reasonable time frame in which the conditions are as similar as possible each time a station located in the receiving waters of the MS4 is monitored.
- 4. Storm Event Data. For sampling conducted for Part IV, Section A.2 of this permit and any additional sampling conducted for Part IV, Section A.5., quantitative data shall be collected to estimate pollutant loadings and event mean concentrations for each parameter sampled. In addition to the parameters listed in Part IV, Section A.2 of this permit, the permittees shall maintain records of the storm events which generated the sampled runoff. The records must include:
 - a. date and duration (in hours);
 - b. rainfall measurements or estimates (in inches);
 - c. the duration (in hours) between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event; and
 - d. an estimate of the total volume (in gallons) of the discharge sampled.
- 5. Seasonal Pollutant Loadings and Event Mean Concentrations. For sampling conducted for Part IV, Section A.2 or Section A.3 of this permit, all necessary sampling data must be collected to provide estimates for each of the selected monitoring locations (Outfalls 001 through 004 in this permit) of seasonal pollutant loadings and event mean concentrations for a representative storm event for the parameters listed in Part IV, Section A.2 of this permit. This information may be estimated from the representative monitoring locations and must take into consideration land uses and drainage areas for the outfall. The estimates of seasonal loadings and event mean concentrations must be included in the Annual Report for Reporting Year 4 of this permit term.
- 6. Sample Type, Collection, and Analysis. Requirements a – c below apply only to samples collected for Part IV, Sections A.2 or A.5 of this permit.
 - a. For discharges from holding ponds or other impoundments with a retention period greater than 24 hours, (estimated by dividing the volume of the detention pond by the estimated volume of water discharged during the 24 hours previous to the time that the sample is collected) a minimum of one grab sample must be taken.
 - b. Grab samples taken during the first two hours of discharge shall be used for the analyses (if required) of pH, temperature, hardness, cyanide, oil & grease, *E. coli*, and fecal streptococcus. For all other parameters, data must be reported for flow-weighted composite samples of the entire event or, at a minimum, the first three hours of discharge.
 - c. Samples of a discharge from the outfalls listed in Part IV, Section A.2. of this permit must be the result of a storm event that is greater than 0.1 inch and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Composite samples may be taken:

- i. with a continuous sampler; or
 - ii. by combining a minimum of three sample aliquots taken:
 - A) in each hour of discharge for the entire discharge; or
 - B) for the first three hours of the discharge, with each aliquot being separated by at least fifteen minutes.
 - d. Samples of a discharge from the outfalls listed in Part IV, Section A.2. of this permit do not have to be taken if the preceding 72 hour storm event did not result in a measurable discharge. The required 72 hour storm event interval is also waived if the permittees document that less than a 72 hour interval is representative for local storm events during the season when sampling is being conducted.
7. Temporary Suspension and Waivers.
- a. Requirements to conduct representative monitoring as described in Part IV, Section A.2.c. within a prescribed monitoring period may be temporarily suspended for adverse weather conditions. Adverse weather conditions are conditions that are either dangerous to personnel (for example high wind, excessive lightning) or weather conditions that prohibit access to a discharge (for example flooding, freezing conditions, extended period of drought). Adverse weather conditions that result in the temporary suspension of a permit requirement to conduct seasonal monitoring must be documented and included as part of the Annual Report. Documentation shall include the date, time, names of personnel that witnessed the adverse condition, and the nature of the adverse condition.
 - b. When seasonal monitoring is temporarily suspended, that monitoring must be conducted in the same season of the following year, in addition to any monitoring required for that season. If the temporarily suspended monitoring requirement cannot be fulfilled during the same season of the following year, then it is permanently waived.

B. Floatables Monitoring

The permittees shall maintain two locations where floatable material can be removed before the stormwater is discharged to or from the MS4. Floatable material shall be collected at the frequency necessary for maintenance of the removal devices, but not less than twice per year. The amount of material collected shall be estimated by weight, volume, or by other practical means. Results shall be included in the Annual Report required in this permit.

C. Annual System-Wide Report

- 1. Each permittee shall contribute to the preparation of an annual system-wide report to be submitted to the Stormwater and Pretreatment Team, MC-148, P.O. Box 13087, Austin, Texas, 78711-3087 no later than 90 days following end of the permit year. The report must cover the previous reporting year as defined in Part VI. E.

2. The annual report must contain the following sections or chapters to describe the status of implementing the SWMP including the status of complying with new requirements, or must cross-reference the items in this list so that the following topics may be easily located in the order provided in Part III, Section B.2. The report must be provided in either the following format or a format approved in writing by the Stormwater and Pretreatment Team:
 - a. MS4 Maintenance Activities
 - i. Structural Controls
 - ii. Floatables
 - iii. Roadways
 - b. Post–Construction Stormwater Control Measures
 - i. Areas of New Development and Significant Redevelopment
 - ii. Evaluation of the existing SWMP to ensure implementation and enforcement of a regulatory mechanism
 - iii. Flood Control Projects
 - c. Illicit Discharge Detection and Elimination
 - i. Illicit and Allowable Discharges
 - ii. Detection and Elimination of Illicit Discharges, including the status of complying with new requirements
 - iii. Evaluate and update the list of priority areas
 - iv. Overflows and Infiltration
 - v. Household Hazardous Waste and Used Motor Vehicle Fluids
 - vi. MS4 Screening and Illicit Discharge Inspections
 - vii. NPDES and TPDES Permittee List
 - viii. MS4 Map
 - ix. Spill Prevention and Response
 - d. Pollution Prevention/Good Housekeeping for Municipal Operations
 - i. Pollution Prevention/Good Housekeeping Program
 - ii. Structural Control Maintenance
 - iii. Waste Handling
 - iv. Pesticide, Herbicide, and Fertilizer Application
 - v. List of Municipal Facilities
 - e. Industrial & High Risk Runoff
 - i. Priorities and Procedures for Inspections and Implementing Control Measures
 - ii. Industrial and High Risk Monitoring Program (alternatively, this may be referenced in the Monitoring section of the annual report)
 - f. Construction Site Stormwater Runoff
 - i. Requirements for Structural and Non-Structural BMPs

- ii. Inspection of Construction Sites and Enforcement Requirements
 - iii. Education and Training for Construction Site Operators;
 - iv. Notification of Requirements to Construction Site Operators
 - v. List of Construction Sites
 - g. Public Education and Outreach/Public Involvement and Participation
 - i. Public Education and Outreach
 - ii. Public Involvement and Participation
 - iii. Evaluation of the effectiveness of this MCM
 - h. Monitoring, Evaluation and Reporting
 - i. Dry Weather Screening Program
 - ii. Wet Weather Screening Program
 - iii. Industrial and High Risk Runoff Monitoring Program
 - iv. Wet Weather Characterization Program. Note that for Reporting Year (RY) 4, the permittee(s) shall provide the estimates of seasonal loadings and event mean concentrations in accordance with Part IV, Section A.5. of this permit, related to Seasonal Loadings and Event Mean Concentrations. Reporting of Storm Event Discharge Monitoring may be accomplished by submittal of the NCTCOGs' RWWCP.
 - v. Floatables Monitoring
 - vi. If applicable, Impaired Water Bodies and TMDL requirements
3. For each program element listed above, the permittees shall include the following separate sections, with an overview for the entire MS4:
- a. For shared programs, a description of the portion of the current program that the permittee has implemented for each SWMP element;
 - b. the status of implementing the SWMP (status of compliance with any schedules established under this permit);
 - c. any proposed changes to the SWMP for the next reporting year; and
 - d. a summary describing the number and nature of enforcement actions and inspections, where applicable.
4. The report must include the following appendices after the program/MCM descriptions:
- a. identification of any water quality improvements, degradations, and progress toward any measurable goals or measured reduction in pollutants;
 - b. annual expenditures for the reporting period, with a breakdown for the major elements of the SWMP;
 - c. the proposed budget for the upcoming reporting year;
 - d. revisions, if necessary, to the assessments of controls and the fiscal analysis reported in the permit application or the most recent annual report;

- e. a summary of the number of NPDES and TPDES notices of intent received for each general permit and the number of site notices received from construction site operators seeking coverage for stormwater discharges;
 - f. the number of inspections conducted at industrial and construction sites; and
 - g. representative monitoring data and a summary of any additional data that was collected during the reporting year and the status of complying with the new SWMP elements in Part III, Section B. of the permit.
5. The report must also include the following:
- a. A summary of any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the BMPs currently used by the permittees to address the pollutant of concern; and
 - b. A description and schedule for the implementation of any additional BMP's that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementations plans.

Preparation and submittal of a system-wide annual report shall be coordinated by the City of Fort Worth. The report shall indicate which, if any, permittees have failed to provide required information to the City of Fort Worth on the portions of the MS4 that is their responsible no later than 45 days prior to report due date. Joint responsibility for report submission shall be limited to participation in preparation of the overview for the entire system and inclusion of the identity of any permittee who failed to provide input to the annual report. Each individual permittee shall be individually responsible for content of the report relating to the portions of the MS4 that is their responsibility and for failure to provide information for the system-wide annual report in a timely manner. Each permittee shall sign and certify the annual report in accordance with Part V, Section B.8. of this permit and include a statement or resolution that the permittee's governing body or agency (or delegated representative) has reviewed or been apprised of the content of the annual report.

D. Certification and Signature of Reports

All reports required by the permit and other information requested by the TCEQ shall be signed and certified in accordance with Part V, Section B.8. of this permit.

E. Reporting: How, When, and Where to Submit

1. Effective December 21, 2016, representative monitoring results (Part IV, Section A.2 obtained during the reporting period running from September 1 through August 31 must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Permittees that are issued an electronic reporting waiver shall submit analytical results to the TCEQ Enforcement Division (MC-224) on an approved DMR form (EPA No. 3320-1). Effluent sampling shall be conducted in accordance with the monitoring frequencies specified in this general permit. Monitoring results must be signed and certified as required by Part IV, Section D. along with the Annual Report required by Part IV, Section C. of this permit.

Effective September 1, 2020, annual reports must be submitted using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

Separate reporting is required for each monitoring period specified in Part IV.A.2. If the permittees participate in the approved regional monitoring program, the data may be submitted in a single region-wide report which is to be submitted no later than March 1 of the following year. A copy of this report must be submitted for each permit covered by the plan (i.e., City of Fort Worth must ensure that a copy of the regional plan is submitted for this permit, TPDES Permit Number WQ0004350000).

2. Signed copies of the annual report required by Part IV, Section C. and all other reports required by this permit, shall be submitted to the TCEQ's Wastewater Permitting Section, Stormwater & Pretreatment Team (MC-148) and the TCEQ Region 4 Office.

PART V: DEFINITIONS AND STANDARD PERMIT CONDITIONS

A. Definitions:

As required by 30 TAC Chapter 305, certain regulations appear as standard conditions in waste discharge permits. 30 TAC §§ 305.121 - 305.129, Subchapter F, "Permit Characteristics and Conditions" as promulgated under the Texas Water Code §§ 5.103 and 5.105, and the Texas Health and Safety Code §§ 361.017 and 361.024(a), establish the characteristics and standards for discharge permits, including sewage sludge, and those sections of 40 Code of Federal Regulations (CFR) Part 122 adopted by reference by the Commission. The following text includes these conditions and incorporates them into this permit.

All definitions contained in Section 26.001 of the Texas Water Code and 30 TAC Chapter 305 shall apply to this permit and are incorporated herein by reference. Unless otherwise specified, additional definitions of words or phrases used in this permit are as follows:

1. **Best Management Practices (BMPs)** - schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution in discharges that reach waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.
2. **CWA** - the Clean Water Act or Federal Water Pollution Control Act Amendments of 1972) Pub. L. 92-500, as amended Pub. L. 95-217, Pub. L. 95-576, Pub. L. (6-483 and Pub. L. 97-117, 33 U.S.C. 1251 et. seq.).
3. **Co-permittee** - one of several entities authorized under a single individual permit that is only responsible for permit conditions relating to the discharge for which it is the operator.
4. **Daily maximum concentration** - the maximum concentration measured on a single day, by composite sample unless otherwise specified elsewhere in this permit, within a period of one calendar month.

5. **Discharge** - unless indicated otherwise, refers to discharges from the Municipal Separate Storm Sewer System (MS4).
6. **Flow-weighted composite sample** - a composite sample consisting of a mixture of aliquots collected at either:
 - a. a constant time interval, where the volume of each aliquot is proportional to the flow rate of the discharge; or
 - b. a constant volume at varying time intervals, proportional to the discharge flow rate.
7. **Grab sample** - an individual sample collected in less than 15 minutes.
8. **Illicit connection** - any man-made conveyance connecting an illicit discharge directly to a municipal separate storm sewer.
9. **Illicit discharge** - any discharge to a municipal separate storm sewer that is not composed entirely of stormwater except discharges pursuant to a NPDES or TPDES permit (other than the NPDES or TPDES permit for certain discharges from the municipal separate storm sewer), discharges resulting from fire-fighting activities, and other allowable non-stormwater discharges described in Part III, Section B.2.c. of this permit.
10. **Landfill** - an area of land or an excavation in which wastes are placed for permanent disposal, and which is not a land application unit, surface impoundment, injection well, or waste pile.
11. **Large or medium municipal separate storm sewer system (MS4)** - all MS4s that are either:
 - a. located in an incorporated place (city) with a population of 100,000 or more as determined by the 1990 Decennial Census by the Bureau of Census (these cities are listed in Appendices F and G of 40 CFR Part 122); or
 - b. located in the counties with unincorporated urbanized populations of 100,000 or more, except municipal separate storm sewers that are located in the incorporated places, townships or towns within such counties (these counties are listed in Appendices H and I of 40 CFR Part 122); or
 - c. owned or operated by a municipality other than those described in paragraph (a) or (b) and that are designated by the EPA as part of the large or medium municipal separate storm sewer system.
12. **Major Outfall** - an outfall that discharges from a single pipe with an inside diameter of 36 inches or more or its equivalent (discharge from a single conveyance other than circular pipe which is associated with a drainage area of more than 50 acres); or for municipal separate storm sewers that receive stormwater from lands zoned for industrial activity (based on comprehensive zoning plans or the equivalent), an outfall that discharges from a single pipe with an inside diameter of 12 inches or more or from its equivalent (discharge from other than a circular pipe associated with a drainage area of 2 acres or more).

13. **Maximum Extent Practicable (MEP)** - the technology-based discharge standard for MS4 established by Section 402(p) of the Federal Clean Water Act.
14. **Municipal separate storm sewer system (MS4)** - a conveyance, or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):
 - a. owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State Law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under State Law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian Tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to waters of the United States;
 - b. designed or used for collecting or conveying stormwater;
 - c. which is not a combined sewer; and
 - d. which is not part of a Publicly Owned Treatment Works (POTW) as defined at 30 TAC § 305.2.
15. **Outfall** – for the purpose of this permit, an outfall is a point or location where an MS4 discharges to waters of the U.S., and does not include a conveyance that connects two municipal separate storm sewers.
16. **Permittee** - any entity authorized by this permit to discharge to surface water in the state.
17. **Point source** – for the purpose of this permit, any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural stormwater runoff.
18. **Storm sewer** - unless otherwise indicated, a municipal separate storm sewer (MS4).
19. **Stormwater** - stormwater runoff, snow melt runoff, and surface runoff and drainage.
20. **Stormwater discharges associated with industrial activity** - defined in TPDES General Permit No. TXR050000 Industrial Stormwater Multi-Sector General Permit (MSGP).
21. **Stormwater Management Program, or SWMP** - a comprehensive program to manage the quality of discharges from the municipal separate storm sewer system. For the purposes of this permit, the SWMP is considered a single document, but may actually consist of separate components (e.g. "chapters") for each permittee.
22. **Structural Control (or Practice)** - A pollution prevention practice that requires

the construction of a device, or the use of a device, to capture or prevent pollution in stormwater runoff. Structural controls and practices may include but are not limited to: silt fences, earthen dikes, drainage swales, sediment traps, check dams, subsurface drains, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins.

23. **Surface Water in the State** - Lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, the Gulf of Mexico inside the territorial limits of the state (from the mean high water mark (MHWM) out 10.36 miles into the Gulf), and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or non-navigable, and including the beds and banks of all water-courses and bodies of surface water, that are wholly or partially inside or bordering the state or subject to the jurisdiction of the state; except that waters in treatment systems which are authorized by state or federal law, regulation, or permit, and which are created for the purpose of waste treatment are not considered to be water in the state.
24. **Waters of the United States** - For the purposes of this permit, waters of the United States or waters of the U.S. means:
- a. all waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
 - b. all interstate waters, including interstate wetlands;
 - c. all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters:
 - i. which are or could be used by interstate or foreign travelers for recreational or other purposes;
 - ii. from which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or
 - iii. which are used or could be used for industrial purposes by industries in interstate commerce;
 - d. all impoundments of waters otherwise defined as waters of the United States under this definition;
 - e. tributaries of waters identified in paragraphs (a) through (d) of this definition;
 - f. the territorial sea; and
 - g. wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (a) through (f) of this definition.

Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA are not waters of the United States. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the United States (such as disposal area in wetlands) nor resulted from the impoundment of waters of the United States. Waters of the United States do not include prior converted cropland. Notwithstanding the determination of an area's

status as prior converted cropland by any other federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with the EPA.

B. Monitoring And Reporting Requirements

1. Self-Reporting

- a. Monitoring results shall be provided at the intervals specified in the permit.
- b. As provided by state law, the permittee(s) (is/are) subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the CWA, the Chapters 26, 27, and 28 of the TWC, and Texas Health and Safety Code, Chapter 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record, or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

2. Test Procedures

- a. Unless otherwise specified in this permit, analytical procedures shall comply with procedures specified in 30 TAC §§ 319.11 - 319.12. Measurements, tests and calculations shall be accurately accomplished in a representative manner.
- b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

- a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.
- b. Monitoring and reporting records, including the SWMP, requests for SWMP changes, reports, strip charts and records of calibration and maintenance, copies of all records required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee(s) or shall be readily available for review by a TCEQ representative for a period of three years from the date of the original record or sample, measurement, report, application, or the latest revisions, whichever is later. This period shall be extended at the request of the Executive Director.
- c. Records of monitoring activities shall include the following:
 - i. date, time and place of sample or measurement;
 - ii. identity of individual who collected the sample or made the measurement.
 - iii. date and time of analysis;
 - iv. identity of the individual and laboratory who performed the analysis;
 - v. the technique or method of analysis; and

- vi. the results of the analysis or measurement and quality assurance/quality control records.
 - d. The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that maybe instituted against a permittee.
- 4. Additional Monitoring by Permittee(s)

If the permittee(s) perform(s) additional monitoring for any parameter at the outfall(s) included in Part IV of this permit using approved analytical methods as specified above, then all results of such monitoring shall be included in the calculation and reporting of the values submitted in the annual or other reports describing these discharges. Increased frequency of sampling shall be indicated on the reports.
- 5. Calibration of Instruments

All automatic flow measuring, flow recording devices or totalizing meters for measuring flows shall be accurately calibrated by a trained person prior to use and as often as necessary to ensure accuracy, but not less often than annually. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained by the permittee(s) and shall be readily available for review by a TCEQ representative for a period of three years.
- 6. Compliance Schedule Reports

If a compliance schedule is included in this permit, reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in the compliance schedule shall be submitted no later than 14 days following each schedule date to the TCEQ Regional Office and to the Enforcement Division (MC-224).
- 7. Noncompliance Notification
 - a. In accordance with 30 TAC § 305.125(9), any noncompliance that may endanger human health or safety, or the environment shall be reported by the permittee(s) to the TCEQ. Report of such information shall be provided orally or by facsimile transmission (FAX) to the TCEQ Regional Office within 24 hours of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective September 1, 2020, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. A written submission of such information shall also be provided by the permittee(s) to the TCEQ Regional Office and to the Enforcement Division (MC-224) within five working days of becoming aware of the noncompliance. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to

reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

- b. Unauthorized discharges of wastewater or any other waste from the MS4 that results from noncompliance with the SWMP shall be reported under Part V, Section B. 7.a. above.
- c. In addition to 7.a. and b. above, and if the permit contains numeric limitations, any violation that deviates from a permitted numeric limitation by more than 40% shall be reported by the permittee(s) in writing to the TCEQ Regional Office and to the Enforcement Division (MC-224) within 5 working days of becoming aware of the noncompliance.
- d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC-224) as promptly as possible.
- e. Duty to Mitigate
The permittee(s) shall take all reasonable steps to minimize or prevent any discharge in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

8. Signatories to Reports

All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

C. PERMIT CONDITIONS

1. General

- a. When a permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.
- b. This permit is granted on the basis of the information supplied and representations made by the permittee(s) during action on an application in accordance with 30 TAC Chapter 50 and the application process in accordance with 30 TAC Chapter 281, and relying upon the accuracy and completeness of that information and those representations in accordance with 30 TAC Chapter 305. After notice in accordance with 30 TAC Chapter 39 and opportunity for a hearing in accordance with 30 TAC §§ 55.200 - 55.211, Subchapter B, "Hearing Requests, Public Comment," this permit may be modified, suspended, or revoked, in whole or in part in accordance with 30 TAC Chapter 305 Subchapter D, during its term for cause; including, but not limited to, the following:
 - i. violation of any terms or conditions of this permit, or
 - ii. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts.

- c. The permittee(s) shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending or terminating the permit. The permittee(s) shall also furnish to the Executive Director, upon request, copies of records required to be maintained as a provision of the permit.

2. Compliance

- a. Acceptance of the permit by a permittee to whom it is issued constitutes acknowledgment and agreement that the permittee will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.
- b. The permittee(s) (has/have) a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation or suspension, or for denial of a permit renewal application or of an application for a permit for another facility.
- c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- d. Before beginning any change in the permitted activity that may result in noncompliance with any permit requirements, authorization from the Commission must be obtained.
- e. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§ 305.62 and 305.66 and the TWC § 7.302. The filing of a request by a permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- f. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under TWC §§ 7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties) for violations including, but not limited to, negligently or knowingly violating the federal CWA §§ 301, 302, 306, 307, or 308, or any condition or limitation implementing any sections in a permit issued under the CWA § 402, or any requirement imposed in a pretreatment program approved under the CWA §§ 402 (a)(3) or 402 (b)(8).

3. Inspections and Entry

- a. Inspection and entry shall be allowed as prescribed in Chapters 26, 27, and 28 of the TWC, and Texas Health and Safety Code Chapter 361.
- b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at

any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee, Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in TWC § 7.002.

4. Permit Amendment or Renewal

- a. The permittee(s) shall give notice to the Executive Director as soon as possible of any planned revisions to the SWMP that would require amendment of the permit.
- b. The permittee(s) shall apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. Authorization to continue such activity will terminate upon the Commission's denial of the application.
- c. In accordance with the TWC § 26.029(b), after a public hearing, notice of which shall be given to the permittee(s), the Commission may require the permittee(s), from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.
- d. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the CWA for a toxic pollutant that is present in the discharge, and that standard or prohibition is more stringent than a numeric limitation that was established for that pollutant in this permit, then this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition. The permittee(s) shall comply with effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not been modified to incorporate the requirement.

5. Permit Transfer

- a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of a system authorized by this permit. Such notification should be sent to the Applications Review and Reporting Team (MC-148) of the Water Quality Division.
- b. A permit may be transferred only according to the provisions of 30 TAC § 305.64 (relating to Transfer of Permits) and 30 TAC § 50.133 (relating to Executive Director Action on Application for Transfer).

6. Relationship to Hazardous Waste Activities

This permit does not authorize any activity of hazardous waste storage, processing, or disposal which requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Property Rights

A permit does not convey any property rights of any sort, or any exclusive privilege.

8. Permit Enforceability

The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

D. OPERATIONAL REQUIREMENTS

1. Upon request by the Executive Director, the permittee(s) shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules.
2. The permittee(s) shall provide a readily accessible sampling point and, where required by the permit, a flow measuring device or other acceptable means by which discharge flow may be determined, at point sources and outfalls with discharge monitoring requirements.
3. The permittee(s) shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under Texas Water Code § 7.302(b)(6).

4. Documentation

For all written notifications to the Commission required of the permittee(s) by this permit, the permittee(s) shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for applications, effluent data, permits, and other data specified in 30 TAC § 1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice.

5. Facilities which generate industrial solid waste as defined in 30 TAC § 335.1 shall comply with provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.

6. Proper Operation and Maintenance

The permittee(s) shall at all times properly operate and maintain all facilities and

systems of treatment and control (and related appurtenances) which are installed or used by a permittee to achieve compliance with the conditions of this permit and with the requirements of stormwater management programs. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the operation of backup or auxiliary facilities or similar systems, installed by a permittee only when necessary to achieve compliance with the conditions of the permit.

Revised 3/2016

PART VI: OTHER REQUIREMENTS

- A. Within 180 days of permit issuance, the permittees shall submit a revised SWMP to the TCEQ Stormwater & Pretreatment Team (MC-148) that includes all the requirements listed in Part III, Section B of this permit, including a proposed compliance schedule to meet the deadlines for implementing new requirements listed in Part III, Section D of this permit.
- B. Test methods utilized shall be sensitive enough to detect the following parameters at the minimum analytical level (MAL) specified below:

<u>POLLUTANTS</u>	<u>MAL (mg/L)</u>
Arsenic, total	0.0005
Cadmium, total	0.001
Chromium, total	0.003
Copper, total	0.002
Cyanide, amenable	0.010
Lead, total	0.0005
Nickel, total	0.002
Zinc, total	0.005
Atrazine	0.0005

When an analysis of a discharge sample for any of the parameters listed above indicates no detectable levels above the MAL and the test method detection level is as sensitive as the specified MAL, a value of zero (0) shall be used for that measurement when making calculations for the self-reporting form. This applies to determinations of daily maximum concentrations, calculations of loading and daily averages, and other reportable results.

When an analysis of a discharge sample for a parameter indicates no detectable levels and the test method detection level is not as sensitive as the MAL specified in the permit, or an MAL is not specified in the permit for that parameter, the level of detection achieved shall be used for that measurement when making calculations for the self-reporting form. A zero (0) may not be used.

- C. Monitoring results shall be provided at the intervals specified in this permit.
- D. For the purposes of this permit, the following definitions apply to this permit term:

Year One: The period beginning upon the date of issuance and lasting for 364 days

Year Two: The period beginning one year from the date of issuance and lasting for 364 days

Year Three: The period beginning two years from the date of issuance, and lasting for 364 days

Year Four: The period beginning three years from the date of issuance and lasting for 364 days

Year Five: The period beginning four years from the date of issuance and lasting through permit expiration.

- F. For the purpose of this permit, "ground water infiltration" means uncontaminated ground water that enters an MS4 (including sewer service connection and foundation drains) from the ground through such means as defective pipes, pipe joints, connections, or manholes. This does not include, and is distinguished from, "inflow." For the purpose of this permit, "inflow" is defined as water that enters the MS4 (including sewer service connections) from sources such as, but not limited to, roof leaders, cellar drains, yard drains, area drains, drains from springs and swampy areas, manhole covers, cross connections between storm sewers and sanitary sewers, catch basins, cooling towers, stormwaters, surface runoff, street wash waters, or drainage.
- G. Permit coverage may be terminated for a single permittee, in accordance with TCEQ rules, without terminating coverage for other co-permittees. If a co-permittee applies for its own separate individual permit with the same terms and conditions as the existing permit, then a renewal application is required for the separate permit, and an application for a new permit or major amendment is not required. If a co-permittee applies for an individual permit along with different co-permittees, then a major amendment application is required.

**Applicant & Their Contacts during Application Process
Mailing List for Notice**

TCEQ Permit No. WQ0004350000

Applicant Information

Legal Name of Facility Owner City of Fort Worth and Tarrant Regional Water District
Operator (if required to be co-permittee)
Permit Mailing Address 1000 Throckmorton Street, Fort Worth, Texas 76102
 P.O. Box 4508, Fort Worth, Texas 76164

CN600128862 CN600279780 RN103138038

Contact Information

Applicant's Representative(S) or Contact Person during Application Process

Mr. Cody Whittenburg
Environmental Program Manager
City of Fort Worth
1000 Throckmorton Street
Fort Worth, Texas 76102

Phone: 817/392-5455
Fax: 817/392-6359
Email: Cody. Whittenburg@fortworthtexas.gov

Notice To Be Published By:

Mr. Cody Whittenburg
Environmental Program Manager
City of Fort Worth
1000 Throckmorton Street
Fort Worth, Texas 76102

Phone: 817/392-5455
Fax: 817/392-6359
Email: Cody. Whittenburg@fortworthtexas.gov

Mailing Lists

SB 709 (X) HB 801 ()

Fixed State Mailing List (By Chief Clerk)

County Mailing List Tarrant, Denton, Johnson, Parker, Wise

City to Be Notified for Plant Fort Worth

City to Be Notified for Outfall(s) Fort Worth

Notice to GLO

Adjacent/Downstream Landowners List plus Interested Persons

Landowner Mailing List Attached ☐ Yes ☒ No

Bilingual Notice Required ☒ Yes ☐ No

Notify Following County Judges Only If They Officially Requested To Be Notified Of All Permit Actions (Only Applies To Facilities with A Flow of 5 MGD or Greater)

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 12, 2017

Mr. Cody Whittenburg, Environmental Program Manager
City of Fort Worth
1000 Throckmorton Street
Forth Worth, TX, 76102

Re: City of Fort Worth and Tarrant Regional Water District MS4
Proposed TPDES Permit No. WQ0004350000 (TXS000901)
RN600279780; CN600128862; CN600279780

Dear Mr. Whittenburg:

Attached for your review and comment is a copy of the draft proposed permit for the above-referenced municipal separate storm sewer system (MS4). This draft permit is subject to further staff review and modification, however, we believe it generally includes the terms and conditions that are appropriate for your discharge. Please read the entire draft carefully as there are changes from the existing permit. Please pay particular attention to the items that have changed from the existing permit, and to the determination of any permit years, reporting periods, monitoring periods, and report due dates. A copy of the draft permit is being sent to all co-permittees for comment.

Please read the enclosed "Draft Permit Form," coordinate your comments with Tarrant Regional Water District and submit your comments prior to the deadline that is indicated on the form. If your comments are not received by the deadline, the draft permit will be transferred to the Office of the Chief Clerk and comments received after that date will not be considered. Please see the enclosed form for further details

Also enclosed for your review and comment is a copy of the draft second notice, the Notice of Application and Preliminary Decision (NAPD), that was prepared for your application. Please review this notice and provide comments if there are any inaccuracies or any information that is not consistent with your application. Please do not publish the notice at this time; after the draft permit is filed with the Office of the Chief Clerk, you will receive instructions for publishing this notice in a newspaper from the Office of the Chief Clerk. Please note that these instructions will not be mailed if the Office of the Chief Clerk has not received the requested proof that the first notice (Notice of Receipt and Intent to Obtain a Permit) has been published. This could cause delays in the processing of your application and the final issuance of the proposed draft permit. When you receive the NAPD, please publish promptly and submit proof of publication (affidavit and tearsheet) to the Office of the Chief Clerk. Failure to publish notice and submit proof of publication in a timely manner may result in returning the application and losing authorization to operate.

Mr. Cody Whittenburg, Environmental Program Manager

Page 2

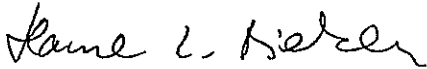
January 12, 2017

Effective December 21, 2016, monitoring results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Permittees that are issued an electronic reporting waiver shall submit analytical results to the TCEQ Enforcement Division (MC-224) on an approved DMR form (EPA No. 3320-1). Effluent sampling shall be conducted in accordance with the monitoring frequencies specified in this draft permit. Monitoring results must be signed and certified as required by Part IV.D. of the draft permit.

Effective September 1, 2020, annual reports must be submitted using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

If you have any comments or questions, please contact me at (512) 239-6524 prior to the "Draft Permit Form" deadline.

Sincerely,



Hanne L. Nielsen, Sr. Environmental Permit Specialist
Wastewater Permitting Section (MC-148)
Water Quality Division
Texas Commission on Environmental Quality

hln

Enclosure

cc: TCEQ Region 4

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 12, 2017

Mr. James Oliver, General Manager
Tarrant Regional Water District
P.O. Box 4508
Fort Worth, TX 76164

Re: City of Fort Worth and Tarrant Regional Water District MS4
Proposed TPDES Permit No. WQ0004350000 (TXS000901)
RN600279780; CN600128862; CN600279780

Dear Mr. Oliver:

Attached for your review and comment is a copy of the draft proposed permit for the above-referenced municipal separate storm sewer system (MS4). This draft permit is subject to further staff review and modification, however, we believe it generally includes the terms and conditions that are appropriate for your discharge. Please read the entire draft carefully as there are changes from the existing permit. A copy of the draft permit is being sent to all co-permittees for comment.

Please read the enclosed "Draft Permit Form," coordinate your comments with City of Fort Worth, and submit your comments prior to the deadline that is indicated on the form. If your comments are not received by the deadline, the draft permit will be transferred to Office of the Chief Clerk and comments received after that date will not be considered. Please see the enclosed form for further details.

Also enclosed for your review and comment is a copy of the draft second notice, the Notice of Application and Preliminary Decision (NAPD), that was prepared for your application. Please review this notice and provide comments if there are any inaccuracies or any information that is not consistent with your application. Please do not publish the notice at this time; after the draft permit is filed with the Office of the Chief Clerk, you will receive instructions for publishing this notice in a newspaper from the Office of the Chief Clerk. Please note that these instructions will not be mailed if the Office of the Chief Clerk has not received the requested proof that the first notice (Notice of Receipt and Intent to Obtain a Permit) has been published. This could cause delays in the processing of your application and the final issuance of the proposed draft permit. When you receive the NAPD, please publish promptly and submit proof of publication (affidavit and tearsheet) to the Office of the Chief Clerk. Failure to publish notice and submit proof of publication in a timely manner may result in returning the application and losing authorization to operate.

Effective December 21, 2016, monitoring results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Permittees that are issued an electronic reporting waiver shall

Mr. James Oliver, General Manager, Tarrant Regional Water District
Page 2

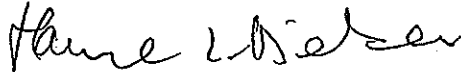
January 12, 2017

submit analytical results to the TCEQ Enforcement Division (MC-224) on an approved DMR form (EPA No. 3320-1). Effluent sampling shall be conducted in accordance with the monitoring frequencies specified in this draft permit. Monitoring results must be signed and certified as required by Part IV.D of the draft permit.

Effective September 1, 2020, annual reports must be submitted using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

If you have any comments or questions, please contact me at (512) 239-6524 prior to the "Draft Permit Form" deadline.

Sincerely,

A handwritten signature in cursive script, appearing to read "Hanne L. Nielsen".

Hanne L. Nielsen, Sr. Environmental Permit Specialist
Wastewater Permitting Section (MC-148)
Water Quality Division
Texas Commission on Environmental Quality

hln

Enclosure

cc: TCEQ Region (without enclosure)

AGENDA CAPTION FOR PERMIT NO. WQ0004350000 (TXS000901)

City of Fort Worth and Tarrant Regional Water District which operate the Fort Worth Municipal Separate Storm Sewer System (MS4) have applied for a renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004350000 to authorize stormwater point source discharges to surface water in the state from the Fort Worth MS4. The MS4 is located within the corporate boundaries of City of Fort Worth in Tarrant, Denton, Parker, Wise and Johnson Counties, Texas 76101-76124, 76126, 76127, 76129-76137, 76140, 76147, 76148, 76150, 76155, 76161-76164, 76166, 76177, 76179-76182, 76185, 76191-76193, 76195-76199, and 76244.

Texas Department of Transportation (TxDOT) – Fort Worth District, will not continue as a co-permittee in the renewal of TPDES Permit No. WQ0004350000. TxDOT is currently operating under its own TxDOT state-wide individual permit, TPDES Permit No. WQ0005011000, which was issued on November 30, 2016.

801 Caption for Proposal for Decision Docket Items:

TCEQ Docket No. xxxx-xxxx-xxx; SOAH Docket No. 582-xx-xxxx. Consideration of the Administrative Law Judge's Proposal for Decision and order regarding the application of for a water quality permit pursuant to rules of the Texas Commission on Environmental Quality in 30 TAC Chapter 305 discharge from the City of Fort Worth Municipal Separate Storm Sewer System (MS4). The municipal separate storm sewer system is located within the corporate boundary of the City of Fort Worth in Tarrant, Denton, Parker, Johnson and Wise Counties 76101-76124, 76126, 76127, 76129-76137, 76140, 76147, 76148, 76150, 76155, 76161-76164, 76166, 76177, 76179-76182, 76185, 76191-76193, 76195-76199, and 76244, Texas. The Commission will also consider timely public comments and the Executive Director's Response to such comments; the application, and related filings, exceptions and replies.

801 Caption for Hearing Requests/Requests for Reconsideration:

TCEQ Docket No. xxxx-xxxx-xxx. Consideration of the application by for a water quality permit, WQ0004350000 to authorize the discharge of stormwater. The municipal separate storm sewer system is located within the corporate boundary of the City of Fort Worth, in Tarrant, Denton, Parker, Johnson and Wise Counties, Texas, 76101-76124, 76126, 76127, 76129-76137, 76140, 76147, 76148, 76150, 76155, 76161-76164, 76166, 76177, 76179-76182, 76185, 76191-76193, 76195-76199, and 76244. The Commission will also consider requests for hearing or reconsideration, related responses and replies, public comment, and the Executive Director's Response to Comments. [Rebecca L. Villalba OR, Todd Galiaga]

Texas Commission on Environmental Quality
INTEROFFICE MEMORANDUM

TO: Rebecca L. Villalba, Team Leader
Stormwater & Pretreatment Team (MC-148)
THRU: Lindsay Garza, Environmental Permit Specialist
Stormwater & Pretreatment Team
FROM: Hanne L. Nielsen, Environmental Permit Specialist
Stormwater & Pretreatment Team

DATE: January 2, 2017

allw 1/12/17

SUBJECT:

Applicant: City of Fort Worth and Tarrant Regional Water District

Plant Name: City of Fort Worth MS4

☒ **TPDES** ☐ **TCEQ WQ0004350000** ☒ **EPA ID No. TXS000901**

Industrial: ☒ **Major** ☐ **Minor**

Toxic Rating: 2 **Stream Seg:** 0806, 0807, 0808,
0809, 0826, 0828, 0829, 0830,
0841

Received: February 1, 2016 **Assigned:** September 1, 2016

Tech Complete: January 5, 2017 **To Team Leader:** Jan. 2, 2017

Admin complete February 22, 2016

State-Only TPDES

ATTACHMENTS:

New	<input type="checkbox"/>	<input type="checkbox"/>
Renewal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Major Amendment	<input type="checkbox"/>	<input type="checkbox"/>
Minor Amendment	<input type="checkbox"/>	<input type="checkbox"/>
Statement of Basis/Tech Summary	<input type="checkbox"/>	<input type="checkbox"/>
Fact Sheet	<input type="checkbox"/>	<input checked="" type="checkbox"/>

COMPLIANCE HISTORY:

- ☐ No enforcement orders; does not need to go to ERC Part C.
- ☐ Enforcement Order(s); ERC Part C on _____
- ☐ No changes to the draft permit needed based on discussion at ERC
- ☐ Changes to the draft permit made based on discussion at ERC

RATIONALE Used to Draft Permit:

- ☒ Federal Guidelines 40 CFR §§ 122.26 & 122.34
- ☐ Waste Load Evaluation/Allocation
- ☒ TCEQ Rules
- ☒ Existing Permit(s): WQ0004350000
- ☐ Other: _
- ☐ Best Professional Judgment

Applicant's Representative or Contact: Phone: 817.392.5455

Fax: 817.392.6359, **Email:** cody.whittenburg@fortworthtexas.gov

Known Opposition: None ☒ Yes ☐ (explain below)

COMMENTS: I:\WQ\GenStormW\ERC and Region Permits\WQ0004350000_FORT WORTH MS4.docx

Request for Comments - Draft Conditions

TCEQ – Water Quality Division

Phone: (512)239-4671

Fax: (512)239-4430

Mailing Address: TCEQ, Water Quality Division, P.O. Box 13087, Austin, TX 78711-3087

TO: Region: 4

Submitted by: **Hanne L. Nielsen** E-Mail ID: **hanne.nielsen@tceq.texas.gov** Phone: **(512) 239-6524**

Date Request Submitted: [To be completed by admin staff]

Comments Deadline: [To be completed by admin staff]

Date Application Received by TCEQ in Austin: **February 1, 2016**

REGIONAL OFFICES: The entity below has submitted an application for the project referenced below in accordance with regulations of the TCEQ. Please return comments ASAP, but no later than the comments deadline which is 10 days from the submittal date. Permit disposition will proceed after comments are received or after the comments deadline has passed. If no comments are received within this time frame, we will assume you have no comments or objections to the project as proposed. Please return a complete copy of the form (both sides) with your comments.

PROJECT TYPE: Renewal

TEAM ASSIGNED: Stormwater

TPDES/TLAP: TPDES

**REGULATED ENTITY NO.:
RN600279780**

PERMIT NO.: WQ0004350000

COMPANY NAME: City of Fort Worth

**CUSTOMER REFERENCE NO.:
CN600128862**

PLANT NAME: City of Fort Worth MS4

ADDRESS: 1000 Throckmorton Street, Fort Worth, TX, 76102

**SEGMENT: West Fork Trinity River Below Lake
Worth, Lake Worth, West Fork Trinity River Below
Eagle Mountain Reservoir, Eagle Mountain
Reservoir, Grapevine Lake, Lake Arlington, Clear
Fork Trinity River Below Benbrook Lake,
Benbrook Lake, and Lower West Fork Trinity
River (0806, 0807, 0808, 0809, 0826, 0828, 0829,
0830, 0841)**

**COUNTY: Tarrant, Denton, Parker
Wise, and Johnson**

TECHNICAL CONTACT: Cody Whittenburg

PHONE: 817 392 5455

MAJOR/MINOR: MAJOR

COMPLIANCE RATING: Satisfactory (City of Fort Worth) and High (TRWD)

SUMMARY OF APPLICATION REQUEST: Renewal without changes of authorization to discharge stormwater from the City of Fort Worth MS4

PERMIT WRITER COMMENTS: Texas Department of Transportation (TxDOT) – Fort Worth District, will not continue as a co-permittee in the renewal of TPDES Permit No. WQ0004350000. TxDOT has applied to TCEQ for a renewal with major amendment to authorize the discharges from all of its MS4s that require TPDES permitting under the TxDOT state-wide individual permit, TPDES Permit No. WQ0005011000, issued on November 30, 2016.

**Request for Comments - Draft Permit
RESPONSE**

TO: Hanne L. Nielsen

FROM: Region: 4

Copy of Application Received by your Office: ☐ YES ☐ NO

Date Received: **February 1, 2016**

COMPANY NAME: City of Fort Worth

PERMIT NO.: WQ0004350000

REGULATED ENTITY NO: RN600279780

Investigator's/Compliance Officer's Name (Please Print): _____

Phone: _____

Comments Deadline (from pg. 1):

Date of Last Site Visit: _____

COMMENTS ON CONDITIONS: (Please mark-up draft special conditions with your comments. Please address applicability and enforceability. List any additional conditions below):

Compliance Determination Conditions: _____

Operational Limitations: _____

GENERAL COMMENTS: : _____

Hanne Nielsen

From: Brent Candler
Sent: Wednesday, December 21, 2016 11:56 AM
To: Hanne Nielsen
Cc: Jeff Tate
Subject: RE: City of Fort Worth - MS4 - inspection
Attachments: FinalFortWorthMS4Inspectionreport-8-22-12.docx; Ft WorthMS4 Construction Inspection Checklist7-26-12.docx

Hi Hanne,

Jeff is out until next week so I'm checking his email. We have not conducted any investigations since the permit term began. They are scheduled for inspection this FY. I've attached EPA's inspection reports from their 2012 audit of Fort Worth.

Brent

From: Jeff Tate
Sent: Wednesday, December 21, 2016 11:46 AM
To: Brent Candler <brent.candler@tceq.texas.gov>
Cc: Jeff Tate <jeff.tate@tceq.texas.gov>
Subject: FW: City of Fort Worth - MS4 - inspection

From: Hanne Nielsen
Sent: Wednesday, December 21, 2016 11:26 AM
To: Jeff Tate <jeff.tate@tceq.texas.gov>
Cc: Rebecca Villalba <rebecca.villalba@tceq.texas.gov>
Subject: City of Fort Worth - MS4 - inspection

Jeff Tate,

I am the permit writer on the renewal of the City of Fort Worth MS4 permit – WQ0004350000, and I need some information for the permit file.

Can you please let me know, if the region during the last permit term, which began on July 29, 2011 – has conducted any inspections or audits of the City of Fort Worth MS4.

If the region has done so, I would like to get a copy of the inspection report(s).

If you could respond to me this week/early next week, I would greatly appreciate it.

Best regards,

Hanne L. Nielsen
Senior Environmental Permit Specialist
Stormwater & Pretreatment Team
Water Quality Division

National Pollutant Discharge Elimination System (NPDES)
Large Municipal Separate Storm Sewer System (MS4) Program
Inspection

TXS000901
City of Fort Worth, Texas

July 26, 2012

Prepared by EPA Region 6

TABLE OF CONTENTS

- I. BACKGROUND
- II. EXECUTIVE SUMMARY
- III. INSPECTION FINDINGS-CHECKLIST
- IV. RECOMMENDED ACTIONS
- V. LIST OF INSPECTION ATTENDEES

I. BACKGROUND

The City of Fort Worth, Texas, encompasses nearly 300 square miles of urbanized area with a population of 741,206 as of the 2010 Census. The NPDES Large Municipal Separate Storm Sewer System (MS4) permit (TXS000901) currently in effect was issued by the Texas Commission on Environmental Quality (TCEQ) and is in effect from July 29, 2011, to July 28, 2016. The current permit is a reissuance of a previously issued MS4 Phase I Permit. The City has two co-permittees: Texas Department of Transportation, Ft. Worth District, (TXDOT), and Tarrant Regional Water District. Under the current permit, the SWMP should be followed as developed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the TCEQ. The SWMP should be revised and updated as necessary.

II. EXECUTIVE SUMMARY

An inspection of the MS4 construction inspection component of the Fort Worth MS4 program was conducted on July 26, 2012, with representatives from the City and the EPA Audit/Inspection Team in attendance.

The opening meeting began with introductions, an overview of the agenda and an explanation of the EPA inspection process. After a thorough review of documentation obtained from the City of Fort Worth, interviews with the environmental staff, of the Environmental Services Division, and a checklist provided by the Inspection Team, it was determined that the permittee had developed, implemented, and revised a SWMP that was technically and administratively complete. The Storm Water Management Program (SWMP) and the 2010-2011 Annual Report, along with the findings in this inspection confirm that the city has achieved all measurable goals, implemented, and revised the program through the differing permit periods to a high degree of satisfaction.

Additionally, the EPA Storm Water Inspectors, Diana McDonald and Everett Spencer, accompanied the Fort Worth Construction Inspectors, Eric Mason and Dennis Kohloff, to two separate construction sites and observed the city inspectors during their inspections. Mr. Mason and Mr. Kuhloff handled themselves very professionally and decisively, and were very knowledgeable about the Fort Worth MS4 Program requirements and MS4 Ordinances.

Upon completion of the Inspection, the Team gave a brief summary of preliminary findings and thanked all involved parties for their cooperation.

III. INSPECTION FINDINGS

See attached Construction Checklist.

IV. RECOMMENDATIONS

The two construction inspectors the city has are doing an excellent job of inspecting construction sites and insuring their compliance. If and when construction increases it may be necessary to add another construction inspector to their staff to avoid burnout of the present staff and insure that all construction sites are inspected. Cross training another person in the construction inspection area should be discussed.

V. LIST OF ATTENDEES

T,C. Michael	Environmental Management Department	817-392-5455
Derek Senter	Environmental Management Department	817-392-5454
Dennis Kuhloff	Environmental Management Department	817-392-6083
Eric Mason	Environmental Management Department	817-392-5456
Clarence Reed	Environmental Management Department	817-392-6107
Michael A. Gange	Environmental Services Division	817-392-6569
Diana McDonald	EPA Region 6-SW Enforcement	214-665-7495
Everett H. Spencer	EPA Region 6-SW Enforcement	214-665-8060



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTION

Date of Inspection: July 26, 2012

MS4 Permit No.: TXS000901

Section I: GENERAL INFORMATION

Control Authority Name: City of Ft. Worth
Mailing Address: 1000 Throckmorton
 Ft. Worth, TX

Permit Signatory: Mr. Fernando Costa

Title: Assistant City Manager

Phone: 817-392-6122

E-mail:

Fax No.

MS4 Contacts:

NAME	TITLE	PHONE NO.
TC Michael	Environmental Program Manager	817-266-6151 or 817-392-5455
Dennis Kohloff	Senior Environmental specialist/Storm Water Inspector	817-999-7935
Eric Mason	Senior Environmental specialist/Storm Water Inspector	817-392-5456
Derek Sentes	Environmental Supervisor	817-392-5454
Clarence Reed	Environmental Supervisor	817-392-6107
Michael Gange	Assistant Director	817-392-6569

Enforcement Inspector(s):

NAME	SIGNATURE	PHONE NO.
Diana McDonald		214-665-7495
Everett Spencer		214-665-8060

Section II: LEGAL AUTHORITY, ORDINANCES

1. What legal authority does the permittee have to require ESC (Erosion & Sediment Control) BMPs on construction sites and to ensure compliance?	FW Municipal Ordinance Chapter 12.5 gives the city the legal right to require an ESC (at a minimal) and require a SWPPP and permit compliance with TCEQ's SWCGP.
2. Does permittee's legal authority address storm water quality for all projects disturbing at least one acre?	Yes.
3. What exemptions does ordinance or other legal authority allow?	Under an acre and not part of a larger common plan is not required to obtain SW coverage but the city strives to inspect all sites.
4. Does legal authority authorize permittee to require ESC plans?	Yes-The city requires an ISWIM model ESC.



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTION

Date of Inspection: July 26, 2012

MS4 Permit No.: TXS000901

Section III: CONSTRUCTION SITE INVENTORY

1. How does permittee track construction projects?	Through an Access database known as the Construction Database. Kept by the Environmental Management Division.
2. What information is collected?	See data sheet-from site description and NOI
3. Does inventory include construction sites disturbing less than 1 acre?	Only includes one acre or more unless part of a larger common plan of development.
4. What is threshold for tracking projects?	One acre or more or part of a larger common plan
5. Does inventory track which sites have submitted an NOI for coverage under state/EPA CGP?	Yes-required for plan review
6. How is inventory updated? How often?	Starting August 1, 2012, through the grading permit a SWPPP will be required of all applicants.
7. Does permittee prioritize projects for more frequent or targeted inspections? If yes, on what criteria?	Yes for citizen complaints or chronically noncompliant sites.

Section IV: CONSTRUCTION REQUIREMENTS AND BMPs

1. What technical guidance (e.g., BMP manual or fact sheets) does permittee use as standard for design and selection of nonstructural and structural construction BMPs?	The ISWIM Construction Manual-Tech Manual
a. Are project applicants required to follow these technical manuals?	Not required, only that the Permittee comply with the TCEQ SWCGPermit.
b. Does guidance set minimum O&M requirements for BMPs?	Yes in the ISWIM Manual
c. Does guidance include installation requirements for BMPs?	Yes in the ISWIM Manual
d. Does guidance provide proper siting and use criteria for BMPs to ensure adequate BMPs are being selected and implemented?	Yes see the ISWIM Manual
2. Does permittee provide guidance as to	No-not if the BMP works.



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTION

Date of Inspection: July 26, 2012

MS4 Permit No.: TXS000901

preferred BMPs to be used?	
3. Does permittee have different requirements or standards for different times of the year (rainy vs dry)?	No, no seasonal requirements.
Section V: PLAN REVIEW PROCEDURES	
1. Does permittee hold pre-application meetings on construction projects? If yes, are stormwater and ESC requirements addressed?	City has predevelopment process and pre-construction meetings are held if requested.
2. Is there any plan review coordination with other city departments such as smart growth, redevelopment, traffic engineering, etc?	The process involves all departments over the life of the construction process/project.
3. What is permittee's threshold for plan review? (For example, does the permittee review plans for all projects disturbing >1 acre, or do they use another threshold?)	One acre or more for plan review.
4. Does permittee apply standard conditions that incorporate ESC requirements into plan review process?	The city requires compliance with the TCEQ permit (normally an ESC is part of the SWPPP).
5. Do plan reviewers verify whether project applicant has submitted NOI to state/EPA? Is evidence of NOI submission required before a plan can be approved or local permit issued?	No they only look for the NOI to the city. On August 1, 2012, the city will require an NOI and check for submission to the TCEQ.
6. Do plan reviewers use specific criteria or checklist when reviewing plans?	Yes-see comprehensive SWPPP checklist.
7. When reviewing plans were	See SW Worksheet for Construction
a. There adequate BMPs included on plans, details, and drawings for the installation of certain BMPs when applicable, types of standard conditions or notes included, or specific maintenance requirements?	Yes
b. There automatic returns of inadequate or incomplete plans and were these returns accompanied by explanation	Yes



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTION

Date of Inspection: July 26, 2012

MS4 Permit No.: TXS000901

of what is needed for approval?	
c. BMPS addressing other construction activities (e.g. materials storage and waste disposal) incorporated into construction plans?	Yes
d. Notes included in plans addressing prohibition of non-stormwater discharges?	Yes
e. Comments provided by permittee to project proponent reasonable and appropriate?	Yes

Section VI: CONSTRUCTION SITE INSPECTIONS

1. Does permittee adequately inspect all phase of construction?	Yes-once a month if it times out like that
a. Clearing and grubbing and site preparation	Yes
b. Mass grading and public infrastructure/utility construction	Yes
c. Building construction and final grading	Yes
d. Final stabilization	Yes
2. What departments are charged with ESC inspections? Is the department responsible based on location of site (i.e., right-of-way vs building site) or phase of development (i.e., grading vs building)?	Department of Public Works- Environmental Management Division
3. Do inspectors use checklist or inspection form during each inspection?	Yes-See Construction Inspection Checklist
4. How many inspectors does permittee use to verify ESC compliance at construction sites?	2-Eric Mason and Dennis Kuhloff
5. Does this number appear adequate to assess active construction occurring in permitted area? Compare this to total	The universe is at 300 sites at this moment. Two inspectors are adequate right now.



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTION

Date of Inspection: July 26, 2012

MS4 Permit No.: TXS000901

number of construction sites that need to be inspected at any one time (number of inspections per construction site per year). Consider project durations and phasing, local conditions (e.g., dry vs wet seasons) and additional duties assigned to inspectors.	
6. How often are sites inspected?	Monthly on average.
7. Does permittee target inspections during and immediately after wet weather events? If so what size rain event triggers an inspection? How soon after a rain event?	Typically no-only problem sites.
8. Is there an established rainy season for the area? Are sites inspected prior to start of rainy season to determine preparedness?	No.

Section VII: PROGRAM SUPPORT AND RESOURCES

Does program have a dedicated source of funding to support plan review staff and inspectors?	Yes a .50 cent environmental fee on water bills.
--	--

Section VIII: ENFORCEMENT

1. What types of enforcement actions are provided for in applicable ordinances (e.g., notices of violation, "stop work" orders, fines)?	The city has the authority to issue citations, NOVs, stop work orders (SWOs), Compliance Orders, and show cause orders.
2. Is use of these actions outlined in an established, escalating enforcement policy?	Yes- in the city of Ft. Worth Ordinances Chapter 12.5
3. Does permittee maintain statistics on enforcement of construction site erosion and sediment controls?	Yes and these are in the annual reports.
a. How many enforcement actions are taken per year?	Verbal-1169, NOV-17, Citations-17 from the 2010-2011 Annual Report
b. Are follow-up inspections conducted to verify compliance?	Yes-follow up is conducted at least monthly or every 14 days depending on the site.
4. Are there limitations on permittee's	Yes, the citation is the preferred tool and has a max of \$2000.



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTION

Date of Inspection: July 26, 2012

MS4 Permit No.: TXS000901

enforcement authority (e.g., limits on the dollar amount of fines, inability to issue civil penalties)?	
5. Do staff feel that their enforcement authority is adequate to achieve compliance on construction projects?	Yes
6. What is the relationship with the City Attorney or other relevant prosecuting authority?	The city enjoys a good relationship with the city attorneys office.
7. Does permittee have an enforcement escalation process / policy?	Yes-see Chapter 12.5 of the Ordinances.
8. Were enforcement files reviewed? What was included in the files?	No. A data base and files on job sites are in dedicated SW files.

Section IX: TRAINING AND EDUCATION - Staff

1. What type of training do construction inspectors receive? Are plan reviewers trained on erosion and sediment control BMPs and requirements?	The inspectors receive NTCOG training, EPA Inspector Training, attend MS4 conferences, and attend TCEQ Inspector Training Workshops yearly.
2. How often is training conducted? How many staff have been trained?	Annually with 4 or 5 staff attending.
3. What type of follow-up is conducted by the permittee to verify that the training is effective?	N/A

Section X: TRAINING AND EDUCATION – Construction operator education

1. What types of educational materials have been developed and distributed to construction operators?	The City uses generic flyers, TCEQ and COG informational hand out educational material, and city of Ft. Worth specific flyers.
2. How are they distributed? At the permit desk? During inspections?	At the permit desk and during inspections.
3. What type of training does the permittee provide or advertise to local construction operators?	Mostly COG events and the City inspectors train as they inspect.
4. How often is this training conducted? How many construction site operators have been trained?	N/A



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTION

Date of Inspection: July 26, 2012

MS4 Permit No.: TXS000901

5. Are contractors and developers required to attend?	No
6. Does the training cover any of the following?	
a. Local and state erosion and sediment control requirements and permits?	Yes
b. Proper erosion and sediment control BMP design and installation?	Yes
c. Maintenance requirements for BMPs?	Yes in the ISWIM Manual
d. General construction stormwater permit requirements (state or federal)?	Yes
7. Are training sessions held in cooperation with other local permittees or regional authorities?	Generally no.

Section XI: PUBLIC CONSTRUCTION PROJECTS

1. Do RFPs or contracts include language specifying stormwater requirements:	
2. Are inspection and maintenance requirements specified in the contract?	Yes-the contractor is required to comply with the TCEQ SWCGP.
3. What oversight does permittee implement to ensure the contractor is implementing all requirements appropriately and adequately?	Plans and specs are reviewed via the grading permit (NOI now required as of Aug 1, 2012). Also Dennis and Eric (SW Inspectors) include the city owned projects in their construction inspection schedules.
4. What penalties are in place to require compliance from the permittee's contractors?	Same as for other builders/contractors/earth movers in the city-See Chp 12.5 of the FW Ordinances.

Notes or additional information: none

EPA Inspector(s) observations: The inspection team accompanied the FW SW Inspectors to the field for a SW inspection. Both Dennis and Eric were very competent and performed thorough inspections.



MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) INSPECTION

Date of Inspection: July 26, 2012
MS4 Permit No.: TXS000901

A large, empty rectangular box with a black border, intended for the inspection report content.

Hanne Nielsen

From: Hanne Nielsen
Sent: Wednesday, September 14, 2016 9:15 AM
To: 'Matthews, Cathy'
Cc: Kazda, Michael; Whittenburg, Cody Montana
Subject: RE: City of Fort Worth MS4 permit

Hi Cathy,

Would you please send me a copy of the City's current SWMP – the one you are using now - and which would be for the permit term: 2011 – 2016. The one you'd submitted was for the permit term 2017 – 2022.

Thanks so much,

Best regards,

Hanne L. Nielsen
Senior Environmental Permit Specialist
Stormwater & Pretreatment Team
Water Quality Division
Texas Commission on Environmental Quality

Phone (512)239 6524

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Matthews, Cathy [mailto:Cathy.Matthews@fortworthtexas.gov]
Sent: Wednesday, September 07, 2016 4:54 PM
To: Hanne Nielsen <hanne.nielsen@tceq.texas.gov>
Cc: Kazda, Michael <Michael.Kazda@fortworthtexas.gov>; Whittenburg, Cody Montana <Cody.Whittenburg@fortworthtexas.gov>
Subject: RE: City of Fort Worth MS4 permit

Hanne,

Please see attached documents, and let me know if you need anything else.

Thank you,

Cathy Matthews
Senior Environmental Specialist
Code Compliance Department-Environmental
817-392-5440(O)
817-480-9020(C)
Cathy.Matthews@fortworthtexas.gov

City of Fort Worth — Working together to build a strong community.



How am I doing? Feel free to contact my supervisor: Michael.Kazda@fortworthtexas.gov

From: Hanne Nielsen [<mailto:hanne.nielsen@tceq.texas.gov>]
Sent: Wednesday, September 07, 2016 8:43 AM
To: Matthews, Cathy
Cc: Kazda, Michael; Whittenburg, Cody Montana
Subject: RE: City of Fort Worth MS4 permit

Hi Kathy,

Sounds great - if I could get both it would be preferable.

Thanks,

Hanne L. Nielsen
Senior Environmental Permit Specialist
Stormwater & Pretreatment Team
Water Quality Division
Texas Commission on Environmental Quality

Phone (512)239 6524

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Matthews, Cathy [<mailto:Cathy.Matthews@fortworthtexas.gov>]
Sent: Tuesday, September 06, 2016 5:20 PM
To: Hanne Nielsen <hanne.nielsen@tceq.texas.gov>
Cc: Kazda, Michael <Michael.Kazda@fortworthtexas.gov>; Whittenburg, Cody Montana <Cody.Whittenburg@fortworthtexas.gov>
Subject: RE: City of Fort Worth MS4 permit

Hanne,

I have a PDF file I can send you; will that work? Otherwise I will have to track down the final word document. Either way, I will have it to you by Friday, no problem at all. Please let me know which you prefer.

Thank you,

Cathy Matthews
Senior Environmental Specialist
Code Compliance Department-Environmental
817-392-5440(O)
817-480-9020(C)
Cathy.Matthews@fortworthtexas.gov



How am I doing? Feel free to contact my supervisor: Michael.Kazda@fortworthtexas.gov

From: Hanne Nielsen [<mailto:hanne.nielsen@tceq.texas.gov>]

Sent: Tuesday, September 06, 2016 2:55 PM

To: Matthews, Cathy

Subject: City of Fort Worth MS4 permit

Cathy,

Could you please send me a Word version of the City of Fort Worth's current Stormwater Management Program that was submitted with the MS4 permit application. I am starting to draft the fact sheet of the permit, and it will be helpful for me to get an electronic file with the information I need.

If possible, I would appreciate to receive the file no later than September 9th.

Best regards,

Hanne L. Nielsen
Senior Environmental Permit Specialist
Stormwater & Pretreatment Team
Water Quality Division
Texas Commission on Environmental Quality

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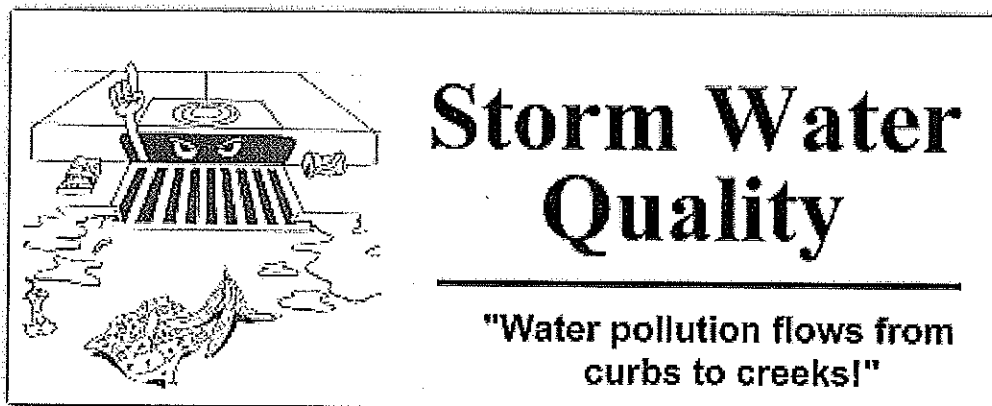
City of Fort Worth

Co-Permittees

Tarrant Regional Water District

Texas Department of Transportation, Ft. Worth District

STORMWATER MANAGEMENT PLAN



Stormwater Management Plan

Table of Contents

INTRODUCTION	I
PART I: STORMWATER MANAGEMENT PLAN.....	II
1. MINIMUM CONTROL MEASURES (MCM) 1. MS4 MAINTENANCE ACTIVITIES.....	1
2. MCM 2. POST-CONSTRUCTION STORMWATER CONTROL MEASURES....	10
3. MCM 3. ILLICIT DISCHARGE DETECTION AND ELIMINATION:.....	22
4. MCM 4. POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS	45
5. MCM 5. INDUSTRIAL & HIGH RISK RUNOFF:	49
6. MCM 6. CONSTRUCTION SITE STORMWATER RUNOFF:.....	51
7. MCM 7. PUBLIC EDUCATION, OUTREACH, INVOLVEMENT AND PARTICIPATION:	60
8. MCM 8. MONITORING, EVALUATION AND REPORTING:	69
ATTACHMENTS.....	72

INTRODUCTION

National Pollutant Discharge Elimination System (NPDES) Permit #TXS000901 issued to the City of Fort Worth (CFW), Tarrant Regional Water District (TRWD) and Texas Department of Transportation (TxDOT); became effective on December 1, 1996. Since its issuance the permitting authority has been delegated to the Texas Commission on Environmental Quality (TCEQ), formerly the Texas Natural Resource Conservation Commission (TNRCC). Consequently, all new and renewal applications must be submitted to the TCEQ. The Stormwater Management Plan (SWMP) document that was submitted as a part of the TPDES permit renewal process is being revised per requirements of the Texas Pollutant Discharge Elimination System (TPDES) Permit #WQ0004350000 issued July 29, 2011 to CFW, TRWD and TxDOT. Part I describes the current status of the City's Stormwater Management Plan.

The original SWMP was adopted and implemented to satisfy the NPDES requirements for large Municipal Separate Storm Sewer Systems (MS4s) as described in the federal Clean Water Act. The Management Plan described herein accurately reflects all current stormwater related activities in the City of Fort Worth. Some of these program activities do differ from the activities as described in the City's past permit applications with the USEPA and TCEQ. As some of the programs grew and evolved, we were able to modify them to more effectively meet the goals of the program and many of these programs are much larger than ever envisioned during the original permit application process. As the programs continue to grow, further modifications will be needed to meet Fort Worth's higher goals. These will be highlighted in future submissions to the TCEQ. Modifications were made to this document to reorganize its structure so it may more closely follow the recently renewed permit and respond to new requirements. These changes were informed by the data gathered and experience gained over the past several years and should improve our ability to effectively manage our stormwater resources.

**PART I: STORMWATER MANAGEMENT PLAN
UPDATED FOR 2012**

1. Minimum Control Measures (MCM) 1. MS4 Maintenance Activities

- A. Structural Controls: The permittees shall operate and maintain the MS4, including any stormwater structural controls, in such a manner as to reduce erosion and the discharge of pollutants to the Maximum Extent Practicable (MEP).*

Description: During the first permit term, two separate studies were performed to address the feasibility of converting existing flood control sump areas into detention/retention ponds for pollutant removal. The first study was performed by one of the co-permittees, the Tarrant Regional Water District (TRWD) on sump areas within its jurisdiction. The second study involved evaluation of 11 flood control structures under the City's jurisdiction. This is an ongoing project with the City of Fort Worth T/PW Stormwater Utility. Yearly summaries will be provided in the Annual Report.

TRWD STUDY

The TRWD used the WMM model (Watershed Management Model) to estimate pollutant loads and reductions that occur with the current BMPs in place in each of their flood control sumps along the Clear Fork and West Fork of the Trinity River. Once the loads were calculated, the sumps available for possible retrofit were determined. Of the 29 total sumps, the study has determined that 13 could possibly be modified for improved pollutant removal capabilities. A final report from the TRWD on the feasibility of retrofitting sumps was included in the 2004 Annual Report. Complete information on the modeling and analysis of the sumps is available in previous Annual Reports. Additional details of this study are described in "FLOOD CONTROL PROJECTS".

CITY OF FORT WORTH STUDY

The City of Fort Worth contracted with Freese and Nichols, Inc. Consulting Engineers and EMCON Engineering and Environmental Services in studying 11 flood control structures for the possible retrofitting of BMPs. These are the only flood control structures that the City owns and/or has operational control of at this time. The study indicated that none of the structures were good candidates for retrofitting due to size, cost effectiveness and other site-specific conditions. The EPA required that the 11 structure evaluations be certified as a part of the Implementation and Compliance Schedule by October 1, 2000. The certifications were sent to the EPA within the timeframe allowed. Additional details of this study are described in "FLOOD CONTROL IMPACTS". All data and documents associated with the study are on file with the City of Fort Worth Transportation & Public Works/Environmental Management Division (TPW/ENV) at the offices on the 7th floor of the City Hall Annex Building, 908 Monroe, and are available for review.

TXDOT ACTIVITIES

TxDOT owns, operates and maintains the drainage system that conveys stormwater runoff from the TxDOT right-of-way. The drainage system is typically composed of storm sewers, open ditches, and outfalls. Maintenance activities are on-going and performed continuously throughout the year. Maintenance activities include storm sewer inspection, cleaning and repairs, open ditch cleaning, vegetation control, and storm sewer outfalls. Operations and maintenance procedures for TxDOT's stormwater system will follow the recommended procedures contained in the TxDOT Environmental Affairs Division's March 31, 2004 Memorandum entitled, "Recommended Best Management Practices (BMPs) for TxDOT Stormwater System Maintenance Operations" as warranted.

TxDOT designs, as necessary, stormwater structural controls in a manner to reduce the discharge of pollutants to the MEP. TxDOT's manual entitled Storm Water Management Guidelines for Construction Activities provides guidelines to prevent erosion and pollutants from flowing into the waters of the United States. Chapter 5 of the Storm Water Management Guidelines for Construction Activities, "Structural Control Practices," provides guidelines for each structural control device, including height, width, depth and drainage area design requirements for each device.

In addition to the construction guidelines manual, TxDOT maintains appropriate design specifications, ensuring structural goals meet water quality requirements. Due the linear nature of TxDOT's primary design projects (i.e., highways), TxDOT projects primarily use vegetative controls to ensure water quality. Vegetative controls can be used in combination with other effective stormwater management measures to increase pollutant removal; provide filtering of suspended solids before entering permanent control structures; and reduce erosion and scour at inflow discharges to infiltration basins, detention basins, and wetlands, when utilized. The most common vegetative controls/filters used by TxDOT are as follows:

- Grassed channels, waterways, ditches, or swales designed to inhibit erosion and enhance the settling of suspended solids; and
- Overland flow through a filter strip where such strips consist of grass or forested vegetation designed to filter pollutants from sheet flow runoff and increase filtration.

In addition, TxDOT, through research and testing, evaluates the latest controls for stormwater quality. One of TxDOT's recent evaluation measures includes permeable friction courses (PFC). PFC reduces splash and spray from vehicular traffic, minimizing potential pollutant wash off and reducing transport. PFC also serves as a filter for runoff as stormwater flows through the PFC. PFC were originally designed to reduce visibility impairment on windshields due to stormwater vehicular spray. This technology is a key example of TxDOT identifying a structural control that not only improves water quality, but also has a dual use of improving public safety.

Structural control measures can be used alone or in combination to address site-specific highway runoff. Section 5.2 of *Storm Water Management Guidelines for Construction Activities* describes

additional structural control measures, as well as the appropriate usage and typical design efforts. Additional TxDOT control measures include the following:

- Retention/irrigation ponds
- Extended detention basin (wet/dry basins)
- Constructed wetland
- Sand filter
- Sedimentation ponds/traps
- Infiltration ponds
- Catch basins
- Grated inlets
- Outfall velocity dissipation controls
- Hazardous material traps

The effectiveness of controls is a function of variables related to site conditions, highway design, surrounding water quality, and other stormwater considerations.

B. Floatables: The permittees shall implement a program to reduce the discharge of floatables into the MS4. This program must include source controls at a minimum, and structural controls and other appropriate controls where necessary.

City of Fort Worth Floatables Program

The City's Parks and Community Services Department has an "Adopt A Park" program, similar to TxDOT's Adopt-A-Highway program, where civic groups are encouraged to sponsor regular litter clean-ups in City parks. The Fort Worth Code Compliance Department's Solid Waste Division (SWD) is responsible for citywide trash, garbage, solid waste collection, and a household paper, plastics, and metals recycling program as well as organizing volunteer activities such as the Cowtown Great American Cleanup. The Fort Worth Code Compliance Department conducts and enforces illegal dumping investigations and assures that outdoor accumulations of trash, debris, and garbage are cleaned up. All of these activities reduce the discharge of floatables (litter and other human generated solid waste). Data regarding actual amounts of litter removed with these programs are included in the Annual Reports. Significant amounts of trash are prevented from entering the City's creeks and ponds or other Waters of the U.S. through these efforts.

In addition to the programs described below for reducing discharge of floatables into the MS4, the permit includes a monitoring requirement to assess the quantity of floatables discharging to or from the MS4. This program is described in the Monitoring section of this document.

TRWD Program

The TRWD annually sponsors Trinity River Awareness Day, an educational event that focuses on activities that the public can perform to improve water quality in the Trinity River watershed. Part of this event involves a river clean up where individual volunteers and volunteer groups are encouraged to remove litter from several sites along the river within Fort Worth. During the last event, 1500 volunteers removed 17,760 pounds of trash from the river.

The TRWD also sponsors an Annual Eagle Mountain Lake Area Cleanup. Eagle Mountain Lake is a reservoir on the West Fork of the Trinity River with portions of the lake within Fort Worth's corporate boundaries. During the last event, 285 volunteers removed approximately 4,360 pounds of trash.

TxDOT Program

TxDOT implements a statewide program to reduce the discharge of floatables (e.g. litter and other human generated solid refuse) into its MS4. The program uses primarily litter pickup, monitoring, and source control to reduce floatables. The following sections provide additional information for the programs.

Litter Pickup

TxDOT hires private contractors to walk along the entire ROW and pickup litter for disposal. These comprehensive activities minimize the amount of floatable materials which may block storm drain systems and discharge pollutants to surface water, and for safety purposes. On average, the full length of each roadway in the urban area is treated once every few weeks. However some elevated roadway sections are treated more frequently.

Mobile, stop-and-go spot litter pickup operations are also performed to collect litter between comprehensive litter pickup events and on an as-needed basis. Picnic and safety rest areas are also treated on a routine basis.

TxDOT also utilize the "Don't Mess with Texas Program and the Adopt-A-Highway Program in which civic groups and others volunteer to pick up litter from certain sections of roadway. Adopt-This program is described in Section 11.

TxDOT hires private contractors to perform street sweeping on TxDOT roadways throughout the permit area. Most of the street sweeping is vacuum-assisted which provides the greatest level of particulate recovery. Roadways with an urban profile are generally treated at least once per month. Elevated roadway sections (bridges) are treated approximately every 2 weeks. Elevated section treatments include as-needed vacuuming of inlets, sediment pans and drain pipes, and expansion joints between bridge deck sections.

Source Control and Monitoring

Due to the nature of TxDOT's MS4 linear corridor, the primary source of floatables is from public littering from vehicles. TxDOT implements a state-wide floatables source control and

monitoring through the "Don't mess with Texas" campaign. This campaign uses research to identify the primary litterer profile and conducts targeted public education for source control. The campaign publishes "Attitude & Behaviors Results" presenting a state-wide public survey that identifies the current litterer profile, which is then used to prepare the program's marketing efforts. The campaign also conducts state-wide visible litter studies to estimate the amounts and types of litter on Texas roadways, which is also used for targeted marketing efforts.

C. Roadways: The permittees shall operate and maintain public streets, roads, and highways in a manner that minimizes the discharge of pollutants, including those pollutants related to deicing or sanding activities.

Description: The City has an active storm drain inlet cleaning and maintenance program to remove pollutants before they reach receiving waters. The City also has an active spill response program that addresses both hazardous and non-hazardous spills to roads and streets. The City's street sweeping program primarily involves routine sweeping in the downtown area and clean-up after deicing.

MAINTENANCE

Street Services utilizes two, two-man, VACTOR crews to clean storm drainage structures. VACTOR is a highly specialized truck that utilizes high-pressure water hoses and a vacuum system. There are an estimated 30,000 curb inlets and drop boxes in Fort Worth and the VACTOR crews clean approximately 7% of these annually (10 per day, 200 working days per year). These crews work from a routine work schedule but also respond to complaints from citizens, neighborhood associations and others. The City has purchased additional VACTORS so that five crews can be deployed. Street Services also has three emergency trucks with two-man crews that are utilized in the event of storm drain system clogs, collapses or other emergency needs.

SPILL RESPONSE

The City has a spill response program to remediate spills of hazardous and non-hazardous materials to the roads and streets. This program is described in detail in the "SPILL PREVENTION AND RESPONSE" section of this document. Primary response is through the Fire Department with assistance from TPW/ENV. The Street Services Division also occasionally assists by spreading aggregate over some spills to soak up the material. The material is swept up utilizing street sweepers with the material then being transported to a secure storage area for proper disposal. Spills, involving assistance from Street Services, are typified by hydraulic fluids leaking from a moving vehicle or an oil spill that vehicles have tracked through resulting in several blocks of streets being contaminated. When there is a large spill such as a gasoline tanker overturning, resulting in thousands of gallons of product entering the storm drain, Street Services assists by supplying large amounts of aggregate that is used to construct dams in the storm drain. This action effectively contains the spill and prevents a discharge to the Waters of the U.S.

STREET SWEEPING ACTIVITIES

A private contractor is used to clean approximately 140 blocks of the Central Business District (downtown) on a weekly basis. This activity is funded by the Fort Worth Public Improvement District #1 and managed by Downtown Fort Worth, Inc. The primary function of this service is litter control though oil, grease and other pollutants associated with streets are effectively removed.

The City of Fort Worth Transportation and Public Works Department, Street Services Division, performs street sweeping for two primary activities. Street sweeping is performed before a street is seal coated to prepare the surface for treatment. The street is also swept after seal coating. Limited street sweeping is also performed to support other Street Services activities though this is not widespread and is more associated with “spot” treatments. The other main street sweeping activity is for the benefit of removing deicing materials after winter storms. During snow or icy weather, Street Services places aggregate on bridges, overpasses and selected streets to improve traction. If the aggregate is dry, no salt is added. However, if the aggregate is wet, a 1:29 (3.5%) ratio of salt is added to prevent the aggregate from freezing to the truck. To minimize pollutant discharges to the MS4, the aggregate is swept up after the storms have passed and then recycled whenever possible. The remaining dirt and salt is landfilled.

TXDOT ACTIVITIES

Roadways

TxDOT operates and maintains highways in a manner to minimize the discharge of pollutants, including those pollutants related to deicing or sanding activities. TxDOT reduces the discharge of pollutants from road repair, equipment yards, and material storage/maintenance facilities to the MEP. BMPs and state-wide programs described throughout this SWMP have the primary goal of minimizing pollutants from roadways, as the highways are TxDOT’s primary MS4 area of operation. In addition to these BMPs, TxDOT implements a number of programs, as presented in the following section, to minimize pollutant discharge.

Mowing and Vegetation Management

Mowing and vegetation management are an integral part of TxDOT’s highway maintenance program. The wildflower program is part of a comprehensive vegetation management program. It encourages the growth of native species that require less mowing and care. The native grasses and wildflowers help to conserve water, control erosion and provide a habitat for wildlife. The department normally plants over 50,000 pounds of wildflower seeds each year and has an annual landscaping budget of approximately \$10 million. Mowing is delayed until wildflowers have set mature seeds to assure the preservation and propagation of wildflower species. Detailed information on the wildflower program, as well as types of mowing, special situations mowing and litter pickup and non-mow areas, are located in the *Roadside Vegetation Management Manual*, June 2009.

Fort Worth and its contractors to reduce discharge of pollutants from construction sites via compliance with the TPDES Construction General Permit.

A-TXDOT For activities operated by TxDOT or its contractors:

Based on permit requirements, TxDOT must implement a program to reduce the discharge of pollutants into the MS4 from construction sites. The program must include:

- Requirements for the use and maintenance of appropriate structural and nonstructural control measures to reduce pollutants discharged to the MS4 from construction sites;
- Within one(1) year from date of permit issuance, requirements for construction site operators to address the control of site waste such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste at a construction site;
- Inspection of construction sites and enforcement of control measure requirements;
- Appropriate education and training measures for construction site operators; and
- Notification, as appropriate, to construction site operators of their potential responsibilities under the NPDES/TPDES permitting program for construction site runoff.

If warranted, District-specific controls will be developed and implemented in accordance with TPDES Permit Citation Part III.B requirements as stated above, and are included in Appendix A of the attached TxDOT SWMP.

Structural and Non-structural Control Measures

The District requires that all TxDOT construction sites resulting in a land disturbance of greater than or equal to one acre, or that is part of a larger common plan of development or sale that will disturb one or more acres of land, will comply with TCEQ Construction General Permit (CGP) No. TXR150000. However, it is TxDOT's policy to implement activity-appropriate BMPs for any soil disturbing activity where a potential for stormwater discharges exists, regardless of the type of activity or acreage disturbed.

If required by the CGP, sites will incorporate a Stormwater Pollution Prevention Plan (SW3P) including adequate sediment and erosion controls. The SW3P will also contain measures to control discarded building materials, concrete truck washout water, chemicals, and litter and sanitary waste generated at each construction site. As a District policy, all TxDOT SW3Ps are reviewed and approved before construction activities commence.

At each permitted TxDOT construction site, an appropriate Construction General Site Notice (CSN) is posted, and for projects greater than five acres, a notice of intent (NOI) is posted. These notices are posted in a location accessible to the public and contain a phone number for the public to submit information regarding the site. Comments

received from the public will be considered as deemed appropriate by the District Engineer or responsible TxDOT representative.

Additional requirements for the use and maintenance of appropriate structural and nonstructural control measures to reduce pollutants discharged to the MS4 from construction sites include:

- Plan the highway project to fit the particular topography, soils, drainage patterns and natural vegetation as much as practicable. In general, areas with steep slopes, erodible soils and soils with severe limitations should be avoided when possible.
- Construction sequencing: A sequence of construction should be developed that minimizes the potential erosion and sedimentation impacts. The sequence should consider specific measures dealing with allowable disturbed areas, construction vehicle maintenance procedures, and material stockpiling methods. The sequence of work should be anticipated, and should reflect measures to be used throughout the project. Layouts for erosion control features should be included in the construction plans.
- Minimize the extent and the duration of exposure. Plan the phases or stages of construction to minimize exposure. Permanent vegetation should be achieved as soon as practicable as the work progresses.
- Apply erosion control practices to prevent discharge of sediments offsite. This principle relates to using practices that control erosion on a site to prevent excessive sediment from being produced. Efforts should be made to keep soil covered as much as possible with temporary or permanent vegetation, erosion control blankets or with various mulch materials. Other practices include diversion structures to channel surface runoff from exposed soils and using slope drains where grades may be prone to erosion.
- Apply perimeter control practices to protect the disturbed area from off-site runoff and to prevent sedimentation damage to areas down-gradient of the construction site. This principle relates to using practices that effectively isolate the construction site from surrounding properties, and especially to controlling sediment once it is produced and preventing its transport from the site. Diversion structures, swales, dikes, sediment traps, and vegetative and structural sediment control measures can be classified as either temporary or permanent depending on whether or not they will remain in use after construction is complete.
- Limit the types of construction operations, including access and hauling, allowed in certain areas of the project that may be more susceptible to erosion.

- Minimize the disturbance of and access to existing waterways. Provide planned and protected stream crossings during construction activities.
- When constructing cross drainage structures in existing waterways, provide a controlled diversion through the disturbed area as opposed to allowing uncontrolled flow through the construction area. This could be done by temporarily diverting the existing stream through a channel made from sandbag with plastic sheathing. Divert the stream until the permanent structure is completed or even just protected or partially completed (e.g. completing one barrel or a multi-barrel culvert installation and allowing the flow to cross through the partially completed portion).
- Maximize the storage volume afforded in ditches, etc., for use as temporary sediment traps or ponds to contain sediment-laden runoff on the site.
- Give priority to completing and stabilizing slopes and ditches to reduce erosion potential.
- Keep runoff velocities low and retain runoff on the site. The removal of existing vegetative cover and the increase in impermeable surface area during construction will increase both the volume and velocity of runoff. These increases should be taken into account when providing for erosion control. Keeping slope lengths short and gradients low, and preserving natural vegetative cover can keep stormwater velocities low and limit erosion hazards. Runoff from the development should be safely conveyed to a stable outlet using storm drains, diversion structures, stable waterways or similar measures. Conveyance systems should be designed to withstand the velocities of projected peak discharges. These facilities should be operational as soon as possible.
- Stabilize disturbed areas immediately after final grade has been attained. Permanent structures, temporary or permanent vegetation, mulch, stabilizing emulsions, or a combination of these measures, should be employed as quickly as possible after the land is disturbed. Temporary seeding, mulches and other control materials can be most effective where or when it is not practical to establish permanent vegetation or until the vegetation is established. Such temporary measures should be employed immediately after rough grading is completed if a delay is anticipated in obtaining finished grade. The finished slope of a cut or fill should be stable and ease of maintenance should be considered in the design.
- Implement a thorough inspection, maintenance and follow-up program. This last principle is vital to the success of the management of runoff from construction activities. A site cannot be effectively controlled without thorough, periodic checks of the erosion and sediment control practices.

- The standard TxDOT specification for “Erosion, Sedimentation and Water Pollution Prevention and Control,” will be included in all construction project plans and specifications.
- TxDOT will follow Notice of Termination procedures, as required, by the TPDES CGP.

Some routine maintenance activities do not require authorization under the CGP including activities performed to maintain the original line and grade; hydraulic capacity and original purpose of a ditch, channel, or other similar stormwater conveyance; the routine grading of existing dirt roads; and asphalt overlays of existing roads. TxDOT’s interpretation of this exclusion exempts shoulder blading to restore the shoulder to its original condition and pavement “reworking” operations if they stay within the limits of the original pavement and do not expose the base or sub-grade. Note that if the base or sub-grade is exposed or if previously undisturbed land is disturbed (e.g. clearing for staging areas or temporary haul roads), coverage under the CGP could be required.

Utility contractors that are working within the ROW must first provide a Utility Installation Request form, and obtain approval prior to commencing those construction activities. The approval form requires the contractor to comply with the Federal Clean Water Act (obtain TPDES general permit TXR150000, for example), to develop BMPs to minimize erosion, and to re-vegetate the project area.

Inspection and Enforcement

The statutes of the State of Texas give TxDOT the power to control virtually all of the activities occurring within the ROW, but there is little, if any, authority to regulate discharges occurring off the ROW and flowing into State maintained drainage systems. Texas Administrative Code gives TxDOT the power to construct, maintain and operate a drainage system for State Highways to accommodate the stormwater which originates within, and reaches highway ROW. TxDOT contracts with others for the construction, and sometimes for the maintenance, of these systems. As such, contracting is the primary control for enforcement.

As construction commences, TxDOT inspectors will evaluate the stormwater control measures as specified in Appendix A. TxDOT has created a “Storm Water Field Inspector’s Guide,” to assist TxDOT inspectors with identifying any device deficiencies. The guide provides design criteria for each device as well as repair and when devices maintenance is needed. Sediment will be removed from devices and damaged devices repaired as soon as practical. The Contractor will remove silt accumulations and deposit the spoils in an area designated by the Engineer.

Site Operator Education and Training

Prior to initiation of construction, the contractor will meet with the TxDOT Area Engineer in a Pre-Construction meeting to discuss stormwater issues for the construction

site. TxDOT will ensure contractors are aware of practices and policies identified in this section, as well as emphasizing the expectation of compliance.

Site Operators Permitting Responsibility Notification

At the Pre-Construction meeting, TxDOT will notify the site operator of their TPDES permitting responsibilities associated with construction activity, as appropriate.

A-TRWD For activities operated by TRWD or its contractors:

Construction activities in the TRWD floodway are required to have TRWD permits that address stormwater controls for the construction site. TRWD has also developed additional criteria specific to construction on the floodway. Included in these criteria are guidelines for post-construction grass establishment and erosion protection utilizing cabled articulating revetment systems. All construction plans will be reviewed for concrete washing practices, sanitary waste collection and disposal and trash control measures. Permitted construction sites are inspected and monitored by TRWD staff according to the U.S. Army Corps of Engineers and the City's regulations and ordinances. These inspectors have been trained through the NCTCOG Development Management Subcommittee Regional Urban Stormwater Management Task Force. Any violations that do not comply with TRWD requirements are forwarded to appropriate authorities such as the City or EPA.

B. For all other construction activities that may impact the City of Fort Worth MS4:

1. Requirements to inspect construction sites and enforce violations

Throughout the first five (5) year term under the TPDES permit (2006-2011), there have been, on average, approximately three hundred and seventy five (375) active construction operations in Fort Worth at any given time. The EMD has two (2) full time inspectors to perform inspections at these sites. The inspectors visit each site, on average, once per month for routine inspections of BMPs and compliance with the TPDES Construction General Permit and will inspect sites more often as needed when corrective actions are required. The inspectors maintain records on site conditions observed during the inspections and keep files for all violations noted. Through ordinances adopted by the City of Fort Worth, construction sites in the city are required to perform construction activities in accordance with applicable TPDES permits. Requirements regarding the use and maintenance of control measures during construction are clearly addressed in the TPDES Construction General Permit. In addition, through adopted ordinance, it is an enforceable offense to introduce any discharge to the MS4 that is not composed entirely of stormwater. This applies to all construction sites whether or not regulated by a TPDES discharge permit. As the City Code makes it clear that discharges such as silt and sediments from construction sites are not allowed to enter the storm drain system, the City feels that it is unnecessary to state specific requirements for BMPs (both structural and nonstructural). As each construction site is unique, and areas within each site are unique, we feel that the site's engineers are in a much better position to decide what

BMPs to use. When illicit discharges occur, City inspectors take appropriate enforcement actions specifying the amount of time for the site to make corrections.

2. *Review site plans for water quality impacts.*

Site plans are reviewed through the development process for conformance with the 2006 version of the NCTCOG iSWM Manual. Stormwater Pollution Prevention Plans are evaluated by City of Fort Worth construction stormwater inspectors during the inspection process discussed in this MCM. Additionally, The City of Fort Worth is in the process of developing a grading ordinance that will adopt and require conformance with the 2010 version of the NCTCOG iSWM manuals including the Construction Controls Technical Manual which details BMPs to be required during construction. The development of a process for further evaluating water quality impacts is being addressed in MCM 2.

3. *Requirements for responding to public concerns regarding construction sites*

The City of Fort Worth has established a number of avenues to receive information submitted by the public including concerns related to construction sites. These processes are detailed in MCM 7 section A. 2. A. When a call is received, an inspector will be notified and will evaluate the concern within one business day. If requested, the inspector will follow-up with the caller to relay the findings and next steps (if any are necessary).

4. *Requirement to provide education and training measures for construction site operators*

The City of Fort Worth participated with the cities of Dallas, Arlington, Irving, Garland, Mesquite and Plano in assisting the NCTCOG in designing an NPDES Construction Inspection Training Program. The final program consists of a one (1) day workshop. All aspects of the TPDES program are stressed including SWPPP development, BMP selection, site inspections and NOI/NOT filing. This course is designed for use by municipal inspectors, site owner/operators and general construction site personnel. It is offered by the NCTCOG. All City of Fort Worth EMD construction site inspectors are required to take this course. In addition, the City has held similar workshops for City employees from all departments associated with construction activities. The City's TPDES construction inspectors give educational programs to organizations as requested. These programs are designed to familiarize the site operators with NPDES/TPDES and local regulations. We will continue to give these programs and seminars when requested. EMD has designed a simple brochure that explains the basic requirements and illustrates a few example BMPs. These brochures are typically given out at these seminars in addition to other literature as we have available. Additional educational information on construction stormwater management is also available through the City of Fort Worth's website.

5. *Requirement to notify construction site operators of permitting responsibilities*

The EMD inspectors are a part of the City's plan review process and are made aware of all projects that qualify under TPDES requirements. Inspectors then visit these sites when construction activities commence to assure that the TPDES/NPDES regulations are being followed. Inspectors often have the opportunity to visit with the site operators before

construction activities at pre-development conferences. These conferences are held for most major projects so the owners/operators can be made aware of all local, state and federal building requirements. The inspectors hand out a variety of written materials that range from a one-page document meant to familiarize the operator with the TPDES process to large manuals that detail a multitude of BMP options. Examples of these written materials are on file at EMD and available for review at the department's offices on the 7th floor of the City Hall Annex, located at 908 Monroe Street.

C. List of Sites

The City of Fort Worth maintains a database containing a list of operators and construction sites that are located within the city limits of the City of Fort Worth. This database contains the name, location and permit number issued by the TCEQ that authorizes stormwater discharges from construction activities.

D. The following elements are included in this SWMP and will be implemented by the City of Fort Worth within 1 year of permit issuance.

1a. The permittees shall require construction site contractors to, at a minimum, implement appropriate erosion and sediment control BMPs.

This task has been included in the SWMP and has been preformed by City of Fort Worth staff since the programs inception. This has been accomplished via ordinance that requires operators of construction sites to have a NPDES or TPDES permit to discharge stormwater. Additionally, ordinance requires these facilities to operate in strict compliance with the requirements of its NPDES or TPDES permit. These permits require operators to have appropriate erosion and sediment control BMPs.

1b. The permittee shall require construction site contractors to, at a minimum, control waste such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality.

This requirement is accomplished through the control requirements contained within the TPDES construction general permit and City of Fort Worth ordinance Part II, Appendix B, Article II, Division 3, Subdivision A Section 11A-27 & 28.

2. Procedure Development

2.1 Site Plan Review that incorporates consideration for potential water quality impacts

Please see section B.2. above for details regarding this requirement.

2.2 Receipt and consideration of information submitted by the public

Please see section B. 3 above for details regarding this requirement.

2.3 Site inspection and enforcement of control measure to the extent allowable.

Please see section B. 1 above for details regarding this requirement.

7. MCM 7. Public Education, Outreach, Involvement and Participation:

A. Public Education and Outreach

- 1) *Within one year from the date of permit issuance, the permittees shall document and ensure that the SWMP promotes, publicizes, and facilitates public education and outreach to: residents, visitors, public service employees, businesses, commercial and industrial facilities, and construction site personnel and provide justification for any group that is not addressed by the program. The permittees must document the activities conducted and materials used to fulfill this program element and provide enough detail to demonstrate the amount of educational and outreach resources and materials used to address each group.*
 - The public education program coordinator will coordinate the compilation of records of outreach by the staff of the Environmental Management including quantities of literature and promotional items distributed, records of media contacts, public speaking engagements, events and meetings attended, etc. that facilitate residents, visitors, public service employees, businesses, commercial and industrial facilities, and construction site personnel.
- 2) *The permittees shall continue to implement a public education and outreach program component to promote, publicize, and facilitate:*
 - a) *public reporting of illicit discharges or improper disposal of materials, including floatables, into the MS4;*
 - The City of Fort Worth has established a number of avenues to receive information submitted by the public concerning the conditions and activities conducted at a construction site. One method is by calling the Environmental Hotline (817-392-8700) where the caller will be routed to someone (during business hours) to voice their concern. During non-business hours the call is routed to a voicemail box where it will be received the next business day. When a call is received, an inspector will be notified and will evaluate the concern. If requested, the inspector will follow-up with the caller to relay the findings and next steps (if any are necessary). *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
 - Another method of reporting concerns is through the City of Fort Worth's web site where you can report violations online. After completing the web form, an email notification is sent to staff who will initiate an investigation of the concern reported. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
 - The Hotline information is frequently included in both internal and external print, RSS subscriber feeds, including Constant Contact, and online city

communications publications. Items submitted to these communication publications are then frequently posted on social media sites by the City of Fort Worth's Office of Media and Public Affairs. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*

- TPW/ENV is participating in the city-wide "Green Tips" initiative to offer workplace related tips in the internal publication for employees each week by agreeing to offer several tips throughout the year. *Groups served: public service employees.*
- Neighborhood Educators present programs and updates about water quality topics, including litter as a stormwater quality component, to groups, associations, events including some tradeshow and conventions, schools, and meetings. Informational literature and items promoting the Hotline and online options are distributed by neighborhood educators at these events and meetings around the city. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- The Environmental Management division web site redesign will include links to regional, state, and federal resources for information about reporting of illicit discharges or improper disposal of materials, including floatables, into the MS4. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- The City of Fort Worth will participate in the TRWD regional multimedia-based anti-litter campaign that begins in 2012 and runs for three years. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- For a number of years curb marking was used to discourage dumping into storm drain inlets. Curb inlet markers have evolved to contain unique identifiers and contact information to aid in reporting of illicit discharges and improper disposal into the MS4. Those marking continue to be in existence as an avenue of educational awareness and may be continued by the Transportation and Public Works Department in the future. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- The web site contains a section devoted to information for construction site operators. It contains comprehensive information that describes the TPDES permit process, inspections, tools for successful completion of the permit and inspection processes, and links to the TCEQ and other appropriate web sites for forms and other related content. The same comprehensive information is provided for industrial multi-site permits, and for commercial power-washing permits. *Groups served: businesses, commercial and industrial facilities, construction site personnel.*
- Inspectors distribute informational literature and items on an as-needed or requested basis to businesses and industries as part of ongoing personal contact and relationship building. Inspectors and other staff will present at

conferences and meetings when requested. *Groups served: businesses, commercial and industrial facilities, construction site personnel.*

b) the proper management and disposal of used oil and household hazardous wastes;

- The City of Fort Worth's award-winning Environmental Collection Center (ECC) and mobile collection program are the cornerstones of the hazardous waste disposal education and outreach programs. The ECC and mobile collection program collect hazardous waste from the residents of Fort Worth and more than forty other government entities. Approximately 15 percent of that waste was recycled during fiscal year 2011. *Groups served: residents, visitors, public service employees.*
- The Crud Cruiser Hotline (817-392-6268) is an automated listing of regional mobile collection events. The event information is also posted on the Environmental Management web site. *Groups served: residents, visitors, public service employees.*
- Postcards are direct mailed in advance to more than 20,000 Fort Worth homes in areas that are scheduled for mobile collection events throughout the summer and fall. *Groups served: residents.*
- The ECC will be a prominent feature on the redesigned Environmental Management web site landing page with a link to its own pages devoted to information about the ECC's programs and the process of proper management and disposal. *Groups served: residents, visitors, public service employees.*
- Informational literature and items promoting the ECC are distributed by neighborhood educators at events and meetings around the city. *Groups served: residents, visitors, public service employees.*
- The ECC is frequently promoted in both internal and external print, RSS feeds, constant contact, and online city communications publications. Items submitted to these communication publications are frequently posted on social media sites by the Office of Media and Public Affairs. *Groups served: residents, visitors, public service employees.*
- Environmental Management is participating in the city-wide "Green Tips" initiative to offer workplace related tips in the internal publication for employees each week by agreeing to offer several tips throughout the year. *Groups served: public service employees.*
- As a part of the web site redesign, links to regional, state, and federal resources for information and educational materials about hazardous waste disposal will be included. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- The City has trademarked a set of cartoon characters (Captain Crud and the Cruddies) that are used by Fort Worth and other participating cities in advertising campaigns and educational materials to promote the ECC and proper disposal of hazardous household waste. *Groups served: residents,*

visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.

- Neighborhood Educators present programs and updates about water quality topics, including proper disposal of hazardous household wastes, to groups, associations, events including some tradeshow and conventions, schools, and meetings. The Neighborhood Educators use the trademarked "Captain Crud & the Cruddies" activity guides for grades K-4. The city also has a high school curriculum called "Pipes to Ponds." *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- When possible, Environmental Management works with Code Compliance, Solid Waste/Recycling, Water Department, Keep Forth Worth Beautiful, and Stormwater Management within the City and other regional groups in North Texas to create cooperative messages that include the function of the ECC and hazardous waste. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*

c) the proper use, application, and disposal of pesticides, herbicides, and fertilizers by public, commercial, and private applicators and distributors.

- The Residents page of the redesigned water quality section web site will include tips and links to brochures, posters, and other materials for residents on the proper use and disposal of pesticides, herbicides, and fertilizers and information about alternatives to the use of chemicals in the landscape and home environments. Links to TexasSmartscape, Agrilife, and other such web sites will offer additional information, education, and advice on lawn care. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- Home and landscape pollution topics, tips, and features are frequently promoted in both internal and external print, RSS (subscriber email) feeds including Constant Contact, and online city communications publications. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- Environmental Management is participating in the city-wide "Green Tips" initiative to offer workplace related tips in the internal publication for employees each week by agreeing to offer several tips throughout the year. *Groups served: public service employees.*
- Informational literature and items promoting this message will be distributed by neighborhood educators at events and meetings in around the city. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- Neighborhood Educators present programs and updates about water quality topics to groups, associations, events, schools, and meetings. *Groups*

served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.

- When possible, Environmental Management works with Code Compliance, Solid Waste/Recycling, Water Department, Keep Fort Worth Beautiful, and Stormwater Management within the City and other regional groups in North Texas to create cooperative messages about the proper use and disposal of these chemical applications. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- Inspectors distribute informational literature and items on an as-needed or requested basis to businesses and industries as part of ongoing personal contact and relationship building. Inspectors and other staff will present at conferences and meetings as requested. *Groups served: businesses, commercial and industrial facilities, construction site personnel.*

B. Public Involvement and Participation:

1) Within one year from date of permit issuance, the permittees shall develop and implement a public involvement and participation program which complies with State, Tribal, and local public notice requirements. This program element must include opportunities for a wide variety of constituents within the MS4 area to participate in the SWMP development and implementation.

- Environmental Management will make printed copies of the SWMP available at the central branch of the public library. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- The SWMP will also be available online in an easily accessible location in the water quality section of the division's web site. A direct email address will be created to allow for residents and businesses to ask questions or voice concerns about the SWMP. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- Environmental Management staff members currently serve on boards or are members of several committees of the North Central Texas Council of Government's Regional Stormwater Management Program; including the Regional Stormwater Management Program Coordinating Council and the Stormwater Public Education Task Force. Other staff members serve on various committees on regional and state levels. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- The Fort Worth Chamber of Commerce and Downtown Fort Worth, Inc. both have a number of boards and committees consisting of business personnel through which outreach and advice regarding stormwater quality can be achieved. *Groups served: residents, visitors, public service employees, businesses, commercial and industrial facilities, construction site personnel.*

- The Fort Worth Business Assistance Center (BAC), a division of the Housing & Economic Development Department of the City of Fort Worth, provides exceptional information and resources for small business owners about city ordinances and requirements. *Groups served: businesses, commercial and industrial facilities, construction site personnel.*
- The Neighborhood Education Office of the City of Fort Worth Planning and Development Department regularly meets with homeowner and neighborhood associations and other civic groups in all sectors of the city to provide information and education and return feedback to other city departments on issues of concern. *Groups served: residents, public service employees, businesses, commercial and industrial facilities, construction site personnel.*
- A Community Advisory Committee serves to provide input for Stormwater management and quality issues through the Transportation and Public Works Department. Meetings will be held in March 2012. *Groups served: residents, public service employees, businesses, commercial and industrial facilities, construction site personnel.*

TRWD ACTIVITIES

Additionally the copermittee, TRWD, has three 24-hour telephone numbers for complaints. These numbers are published in homeowners' newsletters and on all District Western Division publications. TRWD is working to make bacteria data collected on the Trinity River more publicly available. TRWD currently collects *E. coli* data at 7 locations on a routine basis. The current and historic data are being analyzed and formatted with the potential to be posted on the District's website or other public forum for viewing. TRWD provides resources and access to schools for programs like Major Rivers and WaterWise. TRWD is an active member in Fort Worth Independent School District programs such as Waterama and Adopt-A-School. TRWD staff currently visit schools and community groups to conduct guest lectures and presentations. The water district's education initiatives has produced interactive community kiosks and student workbooks featuring topics like water conservation, water quality and recycling water through wetlands. Several regional cleanups are held annually to gather litter from watersheds and spread information on water pollution prevention. TRWD also offers a program for community groups and businesses to cleanup sections of the Trinity River, called Adopt-A-River. TRWD speaks at meetings for the non-profit Save Eagle Mountain Lake, Inc. and acts as a technical advisor.

TXDOT ACTIVITIES

TxDOT implements a public education program with the following:

- A program element to promote, publicize, and facilitate public reporting of illicit discharges or improper disposal of materials, including floatables, into the MS4;
- A program element to promote, publicize, and facilitate the proper management and disposal of used oil and household hazardous wastes; and

- A program element to promote, publicizes, and facilitates the proper use, application, and disposal of pesticides, herbicides, and fertilizers by TxDOT staff, and private applicators and distributors.

PUBLIC EDUCATION AND OUTREACH

Statewide components of the District's public education program are undertaken and administered by the department, including TxDOT's Environmental Affairs Division in Austin. Elements of TxDOT's statewide public education and outreach program include the following items:

- TxDOT programs such as "Don't Mess with Texas" and Adopt-a-Highway programs are successful contributors to litter abatement.
- The department's web page has an environmental section with information on environmental resources and a link to the "Don't Mess with Texas" litter prevention campaign web page, <http://www.dontmesswithtexas.org>.
- The department's Environmental Affairs Division or the District distributes educational materials to the community at educational fairs and expositions, including "Tex and Dot Water Quality" activity books and "Only Rain Down the Drain" temporary tattoos for school children, "Wildflowers: A Natural Water Filter" brochures and wildflower seeds, Erosion & Sediment Control Poster, and NPDES brochures. In addition, TxDOT coordinates with TCEQ on obtaining several water educational materials and stickers to distribute to community and school children.
- The department's in-house environmental training classes, such as TxDOT's Environmental Pursuit (ENV 100), Environment in Project Develop (ENV 101), the Texas Transportation Institute's Erosion and Sediment Control (ENV 102), and Water Resources (ENV 118) incorporate information about NPDES/TPDES requirements, stormwater management and stormwater BMPs.
- The department or the District produces informational materials to inform the public on measures TxDOT is taking to protect water quality, including brochures, an environmental newsletter, newspaper inserts, and public service announcements (PSAs). TxDOT has developed an informational brochure for the general public, interested organizations, and other government entities outlining the department's efforts in water quality protection.
- The department prepares information for publications such as the "Keep Texas Beautiful" newsletter "Grassroots."

- “Keep Texas Beautiful,” a grassroots partner of “Don’t Mess with Texas,” is a nonprofit environmental organization focused on litter prevention, waste reduction and beautification.
- TxDOT will disseminate data from any ongoing research projects with the University of Texas and Texas A&M University, including a study involving the measurement of the quality of highway runoff.
- TxDOT uses existing programs such as the Technology Transfer System to augment public information efforts. By request, the department’s construction stormwater manual has been provided to a number of municipalities, consultants, contractors, and departments of transportation.
- TxDOT requires all in-house personnel handling and applying herbicides, pesticides and fertilizers to take a twelve hour training course and become licensed ground applicators. Licensing is achieved by passing an examination administered by the Texas Department of Agriculture. An annual eight-hour refresher course is required for licensed applicators.
- Training programs familiarize TxDOT employees about office waste recycling. TxDOT continues to educate affected personnel concerning recycling of waste oil, batteries and tires; disposal of hazardous materials and solvents; and proper removal of asbestos and lead-based paint. Since 1995, TxDOT has been a member of the Recycling Development Marketing Board, and TxDOT has developed a Recycling and Recycled Products Program geared towards road construction and maintenance, offices, equipment fleet, buildings, break areas and cafeterias.
- A poster, Basic Principles of Erosion and Sediment Control and Other Source Controls, was designed for roadway construction contractors and inspectors to educate them on protecting soils from erosive forces and on-site capture of eroded soils and sediments. To accompany the posters, rain gauges were also given out to remind the contractors when to check stormwater control devices.
- The Texas Engineering Extension Service (TEEX) training for equipment driver/operators on the importance of proper vehicle maintenance and operation will be continued.
- TxDOT’s Travel Division publishes the monthly magazine titled “Texas Highways.” This magazine reaches over 300,000 subscribers and indirectly promotes environmental stewardship through its highlighting of Texas’ natural beauty.

PUBLIC INVOLVEMENT AND PARTICIPATION

TxDOT has developed a multifaceted, comprehensive program designed to ensure public participation in the stormwater management throughout the state. Elements of TxDOT's statewide public involvement and participation program include the following items:

- TxDOT programs such as "Don't Mess with Texas" and Adopt-a-Highway programs are successful contributors to litter abatement.
- TxDOT will assign local volunteer groups to pick up litter along a designated segment of highway as part of the Adopt-a-Highway program. Under this program, groups sign up to adopt a two mile length of highway and make sure that litter is periodically picked up from the ROW along the highway.
- The Campus Cleanup programs support students in campus cleanup efforts, including providing project startup kits and guidance.
- "Texas Trash-Off" is an annual event encouraging people across the state to join forces to clean up the millions of pieces of litter that accumulate on Texas roadways each year.
- Selected maintenance personnel will attend the TEEX Small Spills Training as this training is offered.
- TxDOT established the Partners Program to enlist the aid of Texas businesses, schools, civic and environmental groups, and government agencies to address most common types of litter and find new ways to prevent Texans from trashing roadsides.

8. MCM 8. Monitoring, Evaluation and Reporting:

A. Dry Weather Screening Program:

The objectives of this program are to continue our ongoing efforts to detect the presence of illicit discharges and to assess dry weather water quality changes. Analyses performed include temperature (air and water), pH, color, turbidity, copper, ammonia, phenols, chlorine, specific conductance and detergents. Observational characteristics including odor, oil sheen, surface scum, sewage and flow are noted. A colorimetric meter that measures pollutants in parts per million is used for the analysis of copper, phenols, ammonia and chlorine. The Methylene blue active substances (MBAS) method is used for detergent analysis. Portable meters are used to measure pH, specific conductance and turbidity. Tests and observations are performed twice in a 24-hour period (tests are separated by a minimum of four (4) hours) to increase the potential to detect illicit flows. Also, sampling and analyses are only conducted when there has been no significant precipitation (<0.10 inch) within 48 hours. Detailed Standard Operating Procedures (SOPs) are maintained by TPW/ENV.

Priorities for follow-up screening of outfalls will rely on a number of factors such as past history of illicit discharges, number of citizen complaints, potential pollutant sources, experience of field crew, etc.

Pollutant Trace Back

When screening results indicate the possible presence of illicit flow field crews begin a trace back investigation of the pollutants of concern within the MS4. A variety of investigative tools, such as additional DWFSSs, watershed reconnaissance, Microtox®, dye tracing, tunnel entries, *etc.*, may be used in follow-up activities as appropriate for each situation. If a responsible party is found, appropriate enforcement actions are taken.

TxDOT Dry Weather Screening Activities

Under its Dry Weather Screening (DWS) Program, TxDOT-Fort Worth District (District) has completed 100% screening of the Phase I area. Field screening teams visit the screening sites during dry weather conditions and check for the presence of a discharge. If a discharge is present, the team conducts chemical field screening of the discharge for parameters such as pH, detergent, copper, ammonia, phenols and chlorine. General physical characteristics, such as color, odor, turbidity, surface scum and oil sheen, are also noted on the GPS unit or field data sheets. If high screening values are detected or the presence of physical characteristics, such as odor, algae, stains, *etc.*, are noted, the field screening team also may collect discharge samples for laboratory analysis of parameters such as *E.Coli*, oil and grease, and Total Petroleum Hydrocarbons (TPH). Sample collection and analysis does not always conform to the requirements of Part 136 of Title 40 of the CFR ("Part 136"). However, sample collection and analysis taken to

confirm (e.g., in support of possible legal action) a particular illicit connection or improper disposal practice does conform to the requirements of Part 136.

If initial screening indicates that a dry weather discharge contains pollutants or if an illicit discharge is suspected, the field screening team returns to the site and repeats its evaluation. Otherwise, a repeat evaluation is optional. If a second evaluation occurs, it usually will be made within four to twenty-four hours of the first evaluation.

When the dry weather field screening results from either an initial or a repeat evaluation indicates the presence of illicit connections or if an improper discharge is suspected, the District will notify the appropriate entity with jurisdiction for additional investigation.

B. Wet Weather Screening Program:

The purpose of the Wet Weather Screening Program is to address areas that may be contributing excess levels of pollutants to the MS4 during storm events. Each year, at least 50 runoff samples will be collected and analyzed. Locations will be selected based on past or previous history, information gathered during dry weather field screens or other field reconnaissance, industrial monitoring data, information obtained from industrial or construction inspections, or other program emphases. Samples may be collected in-stream or from outfalls, curbs, open ditches, pipes, sheet flow, or other appropriate locations. Sample locations may be clustered within small sub-watersheds to thoroughly characterize the runoff and isolate areas of particular concern, or may be individual locations scattered throughout the City. Samples are collected from runoff resulting from a rain event that is greater than 0.1 inch in magnitude and that occurs at least 72 hours after the last measurable (>0.10 inch) rain event. The greater than 0.10 inch rainfall guideline may be waived during drought conditions. Also, samples should be from the first flush. Although timing of the first flush is dependent on many variables including duration and intensity of rainfall, topography, distance of an outfall from its source, etc., it is generally defined here as runoff occurring within 30 minutes after the first 0.10 inch of rainfall. Sample analyses will consist of, at a minimum, pH, specific conductance, and turbidity. Additional analyses which may be performed include, but are not limited to ammonia-nitrogen, nitrate-nitrogen, phosphate, chromium, copper, zinc, COD, Microtox®, total coliform and *E. coli* bacteria. The selection of additional analyses to be performed will be determined by senior personnel on a case-by-case basis based upon land use and potential pollutants present in the sampling area. The data will be reviewed to determine what follow-up activities, if any, should be conducted. Summary statistics for each parameter and results of any follow-up activities will be presented in the Annual Report.

C. Industrial and High Risk Runoff Monitoring Program

To satisfy this permit requirement, the City requires industries with benchmark monitoring requirements under the Multi Sector General Permit (MSGP) for stormwater discharges related to industrial activity to submit their monitoring results to the City.

Each year the City will send a notice to all facilities on file with a benchmark monitoring requirement reminding them of their reporting requirement to TCEQ and requesting that a copy of the report be sent to Fort Worth TPW/ENV.

D. Storm Event Discharge Monitoring

The City of Fort Worth and its co-permittees have chosen to comply with Permit Part IV.A 1. monitoring requirements through the North Central Texas Regional Wet Weather Characterization Program (RWWCP) including the Representative Rapid Bioassessment Monitoring option. A detailed monitoring plan for the RWWCP is included as Attachment 2 of this document.

E. Floatables Monitoring

Permit Part IV.B requires the co-permittees to establish and maintain two monitoring locations for removal of floatable material in discharges to or from the MS4. In compliance with this requirement, TRWD has established and maintains two floatables collection devices on the Clear Fork Trinity River.

The floatable debris collectors were established in 2006 at two separate locations along the Clear Fork Trinity. A set of two collectors was installed across from the Clear Fork Pump Station under Rosedale Street. This collector uses the assistance of a boom to direct floatables towards the unit for collection. A second set of two collectors was installed at the outfall of sump #19 where all water entering the main river must pass through the unit. The collectors consist of large structured nets that trap floating debris as the water passes through. The nets can be detached and removed from the structure in order to empty the debris.

The trash collectors are included in the TRWD routine floodway maintenance program that is triggered into effect with a ½ inch storm event. After such an event, the trash collectors are visually inspected for capacity and damage. The cleaning schedule for the nets is dictated by the frequency of storms.

Attachments

1. Texas Department of Transportation, Fort Worth District Storm Water Management Plan
2. The North Central Texas Regional Wet Weather Characterization Plan Proposal for the Third Permit Term

TxDOT SWMP

NCTCOG Regional Plan



E:\

Attachment1TxDOT_:



E:\

Attachment2_Third_F



Compliance History Report

Compliance History Report for CN600128862, RN103138038, Rating Year 2016 which includes Compliance History (CH) components from September 1, 2011, through August 31, 2016.

Customer, Respondent, or Owner/Operator:	CN600128862, City of Fort Worth	Classification:	SATISFACTORY	Rating:	1.62
Regulated Entity:	RN103138038, FORT WORTH SITE	Classification:	UNCLASSIFIED	Rating:	----
Complexity Points:	12	Repeat Violator:	NO		
CH Group:	14 - Other				
Location:	THIS PERMIT COVERS ALL AREAS WITHIN THE CORPORATE BOUNDARY OF THE CITY OF FORT WORTH SERVED BY MUNICIPAL SEPARATE STORM SEWERS OWNED OR OPERATED BY ANY PERMITTEE LISTED. TARRANT, TX, TARRANT COUNTY				
TCEQ Region:	REGION 04 - DFW METROPLEX				
ID Number(s):	STORMWATER PERMIT WQ0004350000 STORMWATER EPA ID TXS000901				
Compliance History Period:	September 01, 2011 to August 31, 2016	Rating Year:	2016	Rating Date:	09/01/2016
Date Compliance History Report Prepared:	September 13, 2016				
Agency Decision Requiring Compliance History:	Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.				
Component Period Selected:	September 01, 2011 to August 31, 2016				
TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.					
Name:	hnielsen		Phone:	(512) 239-6524	

Site and Owner/Operator History:

- | | |
|--|-----|
| 1) Has the site been in existence and/or operation for the full five year compliance period? | YES |
| 2) Has there been a (known) change in ownership/operator of the site during the compliance period? | NO |

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:
N/A

B. Criminal convictions:
N/A

C. Chronic excessive emissions events:
N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):
N/A

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):
A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.
N/A

F. Environmental audits:
N/A

G. Type of environmental management systems (EMSs):
N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A



Compliance History Report

Compliance History Report for CN600279780, RN103138038, Rating Year 2016 which includes Compliance History (CH) components from September 1, 2011, through August 31, 2016.

Customer, Respondent, or Owner/Operator:	CN600279780, Tarrant Regional Water District	Classification: HIGH	Rating: 0.02
Regulated Entity:	RN103138038, FORT WORTH SITE	Classification: UNCLASSIFIED	Rating: -----
Complexity Points:	12	Repeat Violator: NO	
CH Group:	14 - Other		
Location:	THIS PERMIT COVERS ALL AREAS WITHIN THE CORPORATE BOUNDARY OF THE CITY OF FORT WORTH SERVED BY MUNICIPAL SEPARATE STORM SEWERS OWNED OR OPERATED BY ANY PERMITTEE LISTED. TARRANT, TX, TARRANT COUNTY		
TCEQ Region:	REGION 04 - DFW METROPLEX		
ID Number(s):	STORMWATER PERMIT WQ0004350000 STORMWATER EPA ID TXS000901		
Compliance History Period:	September 01, 2011 to August 31, 2016	Rating Year: 2016	Rating Date: 09/01/2016
Date Compliance History Report Prepared:	September 13, 2016		
Agency Decision Requiring Compliance History:	Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.		
Component Period Selected:	September 01, 2011 to August 31, 2016		
TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.			
Name: hnielsen	Phone: (512) 239-6524		

Site and Owner/Operator History:

- | | |
|--|-----|
| 1) Has the site been in existence and/or operation for the full five year compliance period? | YES |
| 2) Has there been a (known) change in ownership/operator of the site during the compliance period? | NO |

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

N/A

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

N/A

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

N/A

F. Environmental audits:

N/A

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

Hanne Nielsen

From: Matthews, Cathy <Cathy.Matthews@fortworthtexas.gov>
Sent: Thursday, June 16, 2016 3:55 PM
To: Hanne Nielsen
Subject: RE: MS4 permit application - attachment 4
Attachments: City of Fort Worth Permit application renewal, TPDES permit #0004350000 TCEQ requested Attachment 4.docx

Hanne,

Attached is the attachment 4 for the permit application renewal for TPDES permit # 0004350000, as you requested. Please let me know if you need anything else.

Thank you,

Cathy Matthews

Senior Environmental Specialist
Code Compliance Department-Environmental
817-392-5440(O)
817-480-9020(C)
Cathy.Matthews@fortworthtexas.gov

City of Fort Worth — Working together to build a strong community.



How am I doing? Feel free to contact my supervisor: Michael.Kazda@fortworthtexas.gov

From: Hanne Nielsen [mailto:hanne.nielsen@tceq.texas.gov]
Sent: Thursday, June 02, 2016 9:09 AM
To: Matthews, Cathy
Cc: Whittenburg, Cody Montana; Rebecca Villalba
Subject: MS4 permit application - attachment 4

Cathy,

As we spoke about on the phone, it would be very helpful for us, if you could fill out the attached document (Attachment 4) for your MS4 permit application – I've sent you both a pdf and a Word file. We will use that information when drafting the fact sheet for the draft permit.

The attachment might later become part of the Phase I MS4 permit application, but so far we are requesting it from applicants in an email and welcome any feedback you can provide us.

I am going to be the permit writer on your permit, so if you have any questions feel free to email or call me.

If possible, I would like to have the attachment back by June 17, but if you need longer, I fully understand.

Thank you so much for your assistance with this.

Best regards,

Hanne L. Nielsen
Senior Environmental Permit Specialist
Stormwater & Pretreatment Team
Water Quality Division
Texas Commission on Environmental Quality

Phone (512)239 6524

City of Fort Worth and Tarrant Regional Water District (TRWD) MS4 phase I permit renewal application, TPDES permit # WQ0004350000, Requested Attachment 4

The following describes the most recent annual report, the SWMP, and how all MCMs have been implemented to meet existing requirements.

For Maintenance Activities (MCM 1) including structural controls, floatables, and roadways, the City has a storm drain inlet cleaning and maintenance program and multiple "Adopt a Spot" programs. Both the City and TRWD have several volunteer cleanups and litter abatement programs. The City conducts and enforces illegal dumping investigations and ensures accumulations of debris and garbage are removed. The City's street sweeping program includes routine sweeping in the downtown area and clean up after deicing. The spill response program addresses hazardous and non-hazardous spill clean up to roads and streets. For MCM 2, post-construction controls, the City adopted the 2015 ISWM manual and the Stormwater Management Design Manual (post construction stormwater control) for use through ordinance. Additionally, a grading ordinance was adopted to control projects >0.5 acre grading activities. Policies for long term BMP maintenance are within the manual. TRWD reviews all construction projects within their jurisdiction according to their criteria and USACE guidelines. Long term BMP maintenance on projects within the floodway is performed by TRWD. Under MCM 3, illicit discharge, the city has an ordinance detailing prohibited and allowed stormwater discharges. TRWD has a general ordinance prohibiting pollution within their jurisdiction. Detection and elimination of illicit discharges within the City are done by monitoring the major outfalls, construction and industrial inspections, spill response, field observations, and complaint investigations. TRWD detects illicit discharges through complaint investigations. City overflows and infiltrations efforts are addressed through two programs: one is an ongoing maintenance and repair of the sanitary systems; the second is a systematic implementation of inflow/infiltration reduction. The City has a collection center to collect household hazardous waste, and the City's environmental ordinance prohibits illicit discharges, including discharge or dumping of grass clippings, leaf litter, and animal waste. A database is maintained by the City which contains industrial and construction sites and operators within the City limits. The City's MS4 map is current, and is updated with any new outfalls on a quarterly basis. The City has a spill response program, which is covered primarily by the Fire Department Hazardous Material Squads. Environmental personnel assist the Fire Department as needed. For MCM 4, good housekeeping, the City maintains a list of 16 city-owned facilities subject to the requirements of the good housekeeping practices. The wastes generated at these sites are properly disposed of by waste disposal contractors with oversight by Environmental personnel. To ensure pesticides, herbicides, and fertilizers are properly handled, used, and disposed of, all city personnel and contractors who spray must be licensed by the Texas Structural Pest Control Board.

For MCM 5, industrial/high risk runoff, as all industries are inspected at least once per permit term, with procedures in place for inspections and establishing and implementing control measures. All industries that are required to submit benchmark monitoring data for their TPDES permit are also required to submit this data to the City. TRWD does not have any industrial sites locate within their floodway so are not subject to this MCM. For MCM 6, construction sites, the City has an established construction site inspection program that routinely inspects for stormwater erosion controls on projects one acre or greater. The City Environmental code ordinance prohibits the discharge of pollutants to the MS4 from all sources, including construction sites and allows for enforcement of TPDES construction requirements. Training is provided for City staff and contractors who oversee or inspect city projects. The city maintains a database with a list of current and closed construction sites which were issued TPDES permits and the inspections performed. Further construction ordinances and rules are found under


MCM 2. Construction within the TRWD floodway is required to have a TRWD permit for stormwater controls. TRWD has developed specific criterion for development in the floodway and sites are inspected for City and USACE regulation compliance by trained TRWD staff. Violations are enforced by appropriate authorities, such as City staff. For MCM 7, public education, City staff records each outreach event, amount of literature and promotional items distributed to residents, visitors, and public service employees, businesses, commercial and industrial facilities, and construction site personnel. The City receives public reporting of illicit discharges through a dedicated environmental hotline, or through the web site. The hotline information is distributed on the city web site and through on several City communication publications. Various environmental brochures, including information about residential collection of household hazardous wastes, and proper use and disposal of lawn chemicals and composting, are at public information events. To increase public involvement, email addresses are provided on the website for the public to make comments, ask questions, and refer a complaint to city staff. The current SWMP is available on line and at the EMD office for review, questions, and comments. TRWD has three 24-hour telephone numbers published in various publications to receive complaints. They host several educational activities for school and community groups in addition to river clean up events. Lastly, for MCM 8, monitoring and reporting, as previously noted, the City has a dry weather /illicit discharge monitoring program to detect the presence of any illicit discharges. This program monitors all major outfalls within the city over a five year permit term. Discharges that return results over established parameter trigger levels are traced back to the source and eliminated. The City has a wet weather screening program that screens a minimum of 50 samples a year. Samples are collected from various locations during a rainfall event of at least 0.1 inches of rain. For industrial and high risk monitoring, the City requires industries performing benchmark monitoring to submit their results to the City. The City actively participates in the Regional Wet Weather Characterization Program through the North Central Texas Council of Governments. The TCEQ approved each submitted program. The City's program includes performing rapid bioassessments twice per year on six creeks at a minimum of two sites per creek, and chemical analysis of collected first flush and composite samples at selected watersheds each year. Two floatable monitoring stations were established in 2006 and are maintained by TRWD.

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Rebecca Villalba
Storm Water and Pretreatment Team Lead

Date: March 23, 2016

From:  Chris Loft, Team Leader
3/23/16 Total Maximum Daily Load Program

Subject: TMDL Review of the City of Fort Worth, Tarrant Regional Water District MS4 Permit WQ0004350000

The Texas Commission on Environmental Quality (TCEQ) Total Maximum Daily Load (TMDL) team reviewed the City of Fort Worth and Tarrant Regional Water District's application to renew its Municipal Separate Storm Sewer System (MS4) Discharge Permit.

At this time, the TMDL team requests no changes to the City of Fort Worth and Tarrant Regional Water District's permit.

Approved TMDLs in this watershed include:

Eleven Total Maximum Daily Loads for Legacy Pollutants in Streams and Reservoirs in Fort Worth Segments: 0806, 0806A, 0806B, 0829, and 0829A

One Total Daily Maximum Daily Load for Polychlorinated Biphenyls (PCBs) in Fish Tissue in Lake Worth and One Addendum
Segments: 0807, and 0808

Nine Total Maximum Daily Loads for Legacy Pollutants in Streams and a Reservoir in Dallas and Tarrant Counties
Segments 0805, 0841, and 0841A

Thirteen Total Maximum Daily Loads for Indicator Bacteria in the Lower West Fork Trinity River Watershed
Segments: 0841, 0841B, 0841C, 0841E, 0841G, 0841H, 0841J, 0841L, 0841M, 0841R, 0841T and 0841U

It is the understanding of TCEQ's TMDL team that additional requirements for TMDL watersheds may be implemented, at a minimum, within that portion of the regulated MS4 which is located within the watershed of a water body with an approved TMDL and Implementation Plan where storm water sources have been identified as contributing to the impairment of water quality.

Proceeding with the activities listed in the permit at this time supports the statutory and regulatory requirements for MS4 permits to (1) reduce the discharge of pollutants to the maximum extent practicable, (2) effectively prohibit the discharge of non-storm water into the MS4, (3) ensure discharges do not cause or contribute to violations of water quality standards and, in the future as they are completed, (4) comply with the wasteload allocations and assumptions of any applicable TMDL. Consistent with EPA policy

regarding water quality and TMDL controls in MS4 permits, Best Management Practices (BMPs) are still expected to be the primary control mechanism in the permit.

Additional requirements for TMDL watersheds may be described in an Implementation Plan and phased into the Storm Water Management Plan (SWMP) as deemed appropriate.

If the permit writer has any questions about TMDLs in the City of Fort Worth and Tarrant Regional Water District's watershed, please contact Chris Loft, Total Maximum Daily Load Team Lead.

Thank you for the opportunity to review this permit.

TCEQ Interoffice Memorandum

To: Stormwater and Pretreatment Team
Wastewater Permitting Section

Thru: *MT* John Treviño, Standards Implementation Team Peer Review
3/7/16 Water Quality Assessment Section
Water Quality Division

From: *JP* Jeff Paull, Standards Implementation Team
3/7/16 Water Quality Assessment Section
Water Quality Division

Date: March 3, 2016

Subject: City of Fort Worth, Tarrant Regional Water District; Permit no.
WQ0004350000
Renewal; Application received 2/01/2016

The City of Fort Worth, Tarrant Regional Water District has applied for a renewal to authorize discharges from municipal separate storm sewer systems (MS4) located within the City of Fort Worth, Tarrant Regional Water District. The following classified segments, which eventually receive discharges from this permit action, have the following designated uses and dissolved oxygen criteria:

Segment 0806 (West Fork Trinity River Below Lake Worth) – primary contact recreation, high aquatic life use, public water supply, and 5.0 mg/L dissolved oxygen.

Segment 0807 (Lake Worth) – primary contact recreation, high aquatic life use, public water supply, and 5.0 mg/L dissolved oxygen.

Segment 0808 (West Fork Trinity River Below Eagle Mountain Reservoir) – primary contact recreation, high aquatic life use, public water supply, and 5.0 mg/L dissolved oxygen.

Segment 0809 (Eagle Mountain Reservoir) – primary contact recreation, high aquatic life use, public water supply, and 5.0 mg/L dissolved oxygen.

Segment 0826 (Grapevine Lake) – primary contact recreation, high aquatic life use, public water supply, and 5.0 mg/L dissolved oxygen.

Segment 0828 (Lake Arlington) – primary contact recreation, high aquatic life use, public water supply, and 5.0 mg/L dissolved oxygen.

Segment 0829 (Clear Fork Trinity River Below Benbrook Lake) – primary contact recreation, high aquatic life use, public water supply, and 5.0 mg/L dissolved oxygen.

Segment 0830 (Benbrook Lake) - primary contact recreation, high aquatic life use, public water supply, and 5.0 mg/L dissolved oxygen.

Segment 0841 (Lower West Fork Trinity River) - primary contact recreation, intermediate aquatic life use, and 4.0 mg/L dissolved oxygen.

With the exception of those water bodies listed in Appendix D of the Texas Surface Water Quality Standards, unclassified water bodies that are intermittent shall be assigned the presumption of minimal aquatic life use with the associated dissolved oxygen criteria of 2.0 mg/L. Unclassified waterbodies that are intermittent with perennial pools shall be assigned the presumption of limited aquatic life use with the associated dissolved oxygen criteria of 3.0 mg/L. Unclassified water bodies that are perennial shall be assigned the presumption of high aquatic life use with the associated dissolved oxygen criteria of 5.0 mg/L.

As stated in 30 TAC §307.8(e), controls on the quality of permitted storm water discharges are largely based on the implementation of best management practices and/or technology-based limits in combination with instream monitoring to assess standards attainment and to determine if additional controls on storm water quality are needed. The evaluation of instream monitoring data for standards attainment shall include the effects of storm water as described in 30 TAC §307.9. The procedures used are based on those described in the EPA's Interim Permitting Approach guidance (61 FR 43761, November 6, 1996). Implemented properly the requirements and/or effluent limitations contained within the permit would provide substantial compliance with the Texas Water Quality Standards as specified in 30 TAC §307.1-10.

In accordance with 30 TAC §307.5 and the TCEQ implementation procedures for the Texas Surface Water Quality Standards it has been preliminarily determined that where permit requirements, which may include best management practices and/or technology-based effluent limitations, are properly implemented no significant degradation is expected and existing uses will be maintained and protected.

The discharge from this permit action is not expected to have an effect on any federal endangered or threatened aquatic or aquatic dependent species or proposed species or their critical habitat. This determination is based on the United States Fish and Wildlife Service's (USFWS) biological opinion on the State of Texas authorization of the Texas Pollutant Discharge Elimination System (TPDES; September 14, 1998; October 21, 1998 update). To make this determination for TPDES permits, TCEQ and EPA only considered aquatic or aquatic dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the USFWS biological opinion. The permit does not require EPA review with respect to the presence of endangered or threatened species.

Segments 0806, 0807 and 0841 are listed on the 2014 303 (d) list of impaired water bodies. Segment 0806 is listed for PCBs in edible tissue, and dioxin in edible tissue. Segment 0807 is listed for PCBs in edible tissue, aldrin in edible tissue, and dieldrin in edible tissue. Segment 0829 is listed for PCBs in edible tissue, and dioxin in edible tissue. Segment 0841 is listed for PCBs in edible tissue, dioxin in edible tissue and bacteria.

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 22, 2016

Mr. Cody Whittenburg
Environmental Program Manager
City of Fort Worth
1000 Throckmorton Street
Fort Worth, Texas 76102

RE: Declaration of Administrative Completeness
Applicant Name: City of Fort Worth and Tarrant Regional Water District
(CN600128862) (CN600279780)
Permit No. WQ0004350000 (EPA I.D. No. TXS000901)
City of Fort Worth MS4 (RN103138038)
Type of Application: Renewal

Dear Mr. Whittenburg:

The executive director has declared the above referenced application, received on February 1, 2016 administratively complete on February 22, 2016.

You are now required to publish notice of your proposed activity and make a copy of the application available for public review. The following items are included to help you meet the regulatory requirements associated with this notice:

- Instructions for Public Notice
- Notice for Newspaper Publication
- Public Notice Verification Form
- Publisher's Affidavits

You must follow all the directions in the enclosed instructions. The most common mistakes are the unauthorized changing of notice, wording, or font. If you fail to follow these instructions, you may be required to republish the notices.

The following requirements are also described in the enclosed instructions. However, due to their importance, they are highlighted here as well.

1. Publish the enclosed notice within **30 calendar days** after your application is declared administratively complete. (See this letter's first paragraph for the declaration date.) **You may be required to publish the notice in more than one newspaper, including a newspaper published in an alternative language, to satisfy all of the notice requirements.**

Declaration of Administrative Completeness

Page 2

February 22, 2016

2. On or before the date you publish notice, place a copy of your permit application in a public place in the county where the facility is or will be located. This copy must be accessible to the public for review and copying, must be updated to reflect changes to the application, and must remain in place throughout the comment period.
3. For each publication, submit proof of publication of the notice that shows the publication date and newspaper name to the Office of the Chief Clerk within **10 business days** after notice is published in the newspaper.
4. Return the original enclosed Public Notice Verification and the Publisher's Affidavits to the Office of the Chief Clerk within **30 calendar days** after the notice is published in the newspaper.

If you do not comply with all the requirements described in the instructions, further processing of your application may be suspended or the agency may take other actions.

If you have any questions regarding publication requirements, please contact the Office of the Chief Clerk at (512) 239-3300. If you have any questions regarding the content of the notice, please contact Pauline Cantú at (512) 239-4409.

Sincerely,



Deirdre Shepphard, Team Leader
Applications Review and Processing Team (MC-148)
Water Quality Division

DS/pc

Enclosures

cc: TCEQ Region 4, Water Program Manager

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



INSTRUCTIONS FOR PUBLIC NOTICE

For Water Quality Permit (Renewal/Amendment/New)

NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN PERMIT (NORI)

Your application has been declared administratively complete and now you must comply with the following instructions:

Please Review Notice

Included in the notice is all of the necessary information. Please read it carefully and notify Pauline Cantú immediately if it contains any errors or omissions. You are responsible for ensuring the accuracy of all information published. You may not change the text or formatting of the notice without prior approval from the TCEQ. Changing the text or formatting of the notice may require new publication at your expense and delay processing of your application. There are nine steps involved in publishing notice. Complete each step.

Newspaper Notice

1. **You must publish the enclosed Notice of Receipt of Application and Intent to Obtain Permit within 30 calendar days after the date of administrative completeness. Refer to the cover letter for the date of administrative completeness.**
 - You must publish the enclosed Notice of Receipt of Application and Intent to Obtain Permit at your expense, at least once in the newspaper of largest circulation within each county where the facility is or will be located or, if the facility is located or will be located in a municipality, at least once in a newspaper of general circulation in the municipality.
 - If the discharge point or potential discharge point is located in a different county than the facility, you must publish the enclosed Notice of Receipt of Application and Intent to Obtain Permit at your expense, in a newspaper that is of the largest circulation within each county.
 - These requirements may be satisfied by one publication if the newspaper meets all of the above requirements.
 - The bold text of the enclosed notice must be printed in the newspaper in a font style or size that distinguishes it from the rest of the notice (i.e., **bold**, *italics*). **Failure to do so may require re-notice.**

Alternative Language Notice

2. You must publish notice in an alternative language if the following criteria are met:

- If either the elementary or middle school nearest to the facility or proposed facility is required to provide a “bilingual education program” (BEP), as required by Texas Education Code (TEC), Chapter 29, Subchapter B, and 19 TAC §89.1205(a) and one of the following conditions is met:
 1. students are enrolled in a program at that school;
 2. students from that school attend a bilingual education program at another location; or
 3. the school that otherwise would be required to provide a bilingual education program has been granted an exception from the requirements to provide the program as provided for in 19 TEX. ADMIN. CODE §89.1207(a).
- A “bilingual education program” as required by the TEC is different from an “English as a second language program” (ESL). An ESL program alone, will not require public notice in an alternative language.
- If triggered, you must publish the notice in the alternative language taught in the bilingual education program. You must publish this notice in a newspaper or publication primarily published in that alternative language. The newspaper or publication must be of general circulation in the county in which the facility is located or proposed to be located. If the facility is located or proposed to be located in a municipality, and there exists a newspaper or publication of general circulation in the municipality, you must publish the notice only in the newspaper or publication in the municipality.
- You must demonstrate a good faith effort to identify a newspaper or publication in the required language. If there is no general circulation newspaper or publication printed in such language, then publishing in that language is not required. Publication in an alternative language section or insert within a large publication which is not printed primarily in that alternative language does not satisfy these requirements.
- You have the burden to demonstrate compliance with these requirements. To assist you in meeting these requirements, the TCEQ has provided a Public Notice Verification Form (enclosed). You must fill out the attached Public Notice Verification Form indicating your compliance with the requirements regarding publication in an alternative language.
- If you are required to publish notice in Spanish, you must translate the site-specific information in the notice that is specific to your application, at your own expense. You may then insert the Spanish translation of your site-specific information into a Spanish template developed by the TCEQ. You may obtain the electronic version of the Spanish template from the TCEQ website at www.tceq.texas.gov/permitting/wastewater/review/wqspanish_nori.html
- If you are required to publish notice in a language other than Spanish, you must translate the entire public notice, at your own expense.

Proof of Publication

Check each publication to ensure that the notices were accurately published. If a notice was not published correctly you may have to republish.

3. **You must submit proof of publication for each newspaper that shows the notice, the date of publication, and the name of the newspaper to the Office of the Chief Clerk within 10 business days after the date of publication. Acceptable proof of publication is a copy of the published notice or the original newspaper clipping of the published notice. If you choose to submit a copy of the published notice to the Office of the Chief Clerk, the copy must be on standard-size 8 1/2" x 11" paper and must show the actual size of the published notice (do not reduce the image when making copies). Please note, submitting a copy of your published notice could result in faster processing of your application. It is recommended that you maintain original newspaper clippings or tear sheets of the notice for your records.**
4. **For each newspaper notice, you must submit an original Publisher's Affidavit to the Office of the Chief Clerk within 30 calendar days after the date of publication. For each required published notice, you must use the appropriate Publisher's Affidavit form that is enclosed with these instructions. The affidavit must clearly identify the applicant's name and permit number. Note: On occasion, newspapers have attempted to provide applicants their own affidavit. The newspaper's affidavit will not be accepted by the Office of the Chief Clerk.**
 - You are encouraged to submit the Publisher's Affidavit with the proof of publication described above. However, the affidavit must be submitted no later than **30 calendar days** after publication of notice.
5. **You must fill out the attached Public Notice Verification form. This form must be submitted with the Publisher's Affidavit within 30 calendar days after publication of the notice.**
6. **The originals of the Publisher's Affidavit, the Public Notice Verification form, and acceptable proof of publication of the published notice must be mailed to:**

**TCEQ
Office of the Chief Clerk, MC 105
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087**

- Please ensure that all affidavits sent to the Chief Clerk are originals and that all blanks on the affidavits are filled in correctly. Photocopies of affidavits will not be accepted.

Failure to Publish and Submit Proof of Publication

If you fail to publish the notice or submit proof of publication by the deadlines set forth above, the TCEQ may suspend further processing of your application or take other action.

Application in a Public Place

7. **You must put a copy of the administratively complete application in a public place for review and copying by the public. This public place must be**

located in the county where the facility is or proposed to be located, and was previously identified by you as the viewing location. (Note: The viewing location is set forth in the enclosed notice.)

- A public place is one that is publicly owned or operated (ex: libraries, county courthouses, or city halls).
 - The administratively complete application must be available *beginning on the first day of newspaper publication and remain available for the publication's designated comment period.*
8. **During the technical review, you must update the publicly available application so that it includes all application revisions within 10 business days from the date the revision is transmitted to the TCEQ.**
 9. **If the application was submitted to the TCEQ with information marked as confidential, you must indicate in the public copy of the application that there is additional information in a confidential file. These portions of the application must be accompanied with the following statement: "Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the TCEQ Public Information Coordinator, MC 197, P.O. Box 13087, Austin, Texas 78711-3087".**

General Information

When contacting the Commission regarding this application, please refer to the permit number at the top of the Notice of Receipt and Intent to Obtain Permit.

If you have any questions regarding publication requirements, please contact the Office of the Chief Clerk at 512-239-3300. If you have any questions regarding the content of the notice, please contact Pauline Cantú at (512) 239-4409.

If you wish to obtain an electronic copy of the English version of this notice, please visit our web site at http://www.tceq.texas.gov/agency/cc/cc_db.html or <http://www.tceq.texas.gov/agency/cc/eda.html>. Please be aware that formatting codes may be lost and that any notices downloaded from these web sites must be reformatted by you so that your downloaded copy looks like the notice document you received from us.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT RENEWAL

PERMIT NO. WQ0004350000

APPLICATION. City of Fort Worth, 1000 Throckmorton Street, Fort Worth, Texas 76102, and Tarrant Regional Water District, P.O. Box 4508, Fort Worth, Texas 76164, have applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004350000 (EPA I.D. No. TXS000901) to authorize discharges from the municipal separate storm sewer system located within the corporate boundary of the City of Fort Worth, except agricultural lands, in Tarrant, Denton, Johnson, Parker and Wise Counties, Texas 76101-76124, 76126, 76127, 76129-76137, 76140, 76147, 76148, 76150, 76155, 76151-76164, 76166, 76177, 76179-76182, 76185, 76191-76193, 76195-76199 and 76244. The discharge route is from the municipal separate storm sewer system to surface water in the state. TCEQ received this application on February 1, 2016. The permit application is available for viewing and copying at the Fort Worth City Hall Annex, 908 Monroe Street, Fort Worth, Texas.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

CHANGE IN LAW: The Texas Legislature enacted Senate Bill 709, effective September 1, 2015, amending the requirements for comments and contested case hearings. This application is subject to those changes in law.

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and**

the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: : your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

AGENCY CONTACTS AND INFORMATION. All written public comments and requests must be submitted to the Office of the Chief Clerk, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087. If you need more information about this permit application or the permitting process, please call TCEQ Public Education Program, Toll Free, at

1-800-687-4040. General information about TCEQ can be found at our web site at www.tceq.texas.gov.

Further information may also be obtained from the City of Fort Worth and Tarrant Regional Water District at the addresses stated above or by calling Mr. Cody Whittenburg, City of Fort Worth, Environmental Program Manager, at (817) 392-5455.

Issuance Date: February 22, 2016

TCEQ-OFFICE OF THE CHIEF CLERK

MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

Applicant Name: City of Fort Worth and
Tarrant Regional Water District
Permit No.: WQ0004350000
Notice of Intent to Obtain Permit

**PUBLISHER'S AFFIDAVIT
FOR WATER QUALITY PERMITS**

STATE OF TEXAS §
COUNTY OF _____ §

Before me, the undersigned authority, on this day personally appeared

_____ who being by me duly sworn, deposes
(*name of person representing newspaper*)

and says that (s)he is the _____
(*title of person representing newspaper*)

of the _____; that this newspaper is a newspaper of
(*name of newspaper*)

largest circulation in _____ County, Texas or is
(*name of county*)

a newspaper of general circulation in _____,
(*name of municipality*)

Texas; and that the enclosed notice was published in said newspaper on the following
date(s):

(*newspaper representative's signature*)

Subscribed and sworn to before me this the _____ day of _____,
20____.

(Seal)

Notary Public in and for the State of Texas

Print or Type Name of Notary Public

My Commission Expires _____

TCEQ-OFFICE OF THE CHIEF CLERK

MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

Applicant Name: City of Fort Worth and
Tarrant Regional Water District
Permit No.: WQ0004350000
Notice of Intent to Obtain Permit

**ALTERNATIVE LANGUAGE
PUBLISHER'S AFFIDAVIT**

STATE OF TEXAS §
COUNTY OF _____ §

Before me, the undersigned notary public, on this day personally appeared

_____, who being by me duly sworn, deposes
(name of person representing newspaper)

and says that (s)he is the _____ of the
(title of person representing newspaper)

_____; that said newspaper is
(name of newspaper)

generally circulated in _____ County, Texas and
(same county as proposed facility)

is published primarily in _____ language; that the
(alternative language)

enclosed notice was published in said newspaper on the following date(s):

_____.

Subscribed and sworn to before me this the _____ day of _____,

20____, by _____
(newspaper representative's signature)

(Seal)

Notary Public in and for the State of Texas

Print or Type Name of Notary Public

My Commission Expires _____

Comisión de Calidad Ambiental del Estado de Texas



AVISO DE RECIBO DE LA SOLICITUD E INTENCION DE OBTENER UN PERMISO PARA EL SISTEMA SEPARADO MUNICIPAL DE AGUAS PLUVIALES (MS4) [MODIFICACION/RENOVACION]

PERMISO [PROPUESTO] NO. _____

SOLICITUD. _____ [Applicant's name and address] ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) _____ [describe type of authorization sought, choose appropriate: para el propuesto, para renovar el, para modificar el] Permiso No. WQ _____ del Sistema Nacional de Eliminación de la Descarga de Contaminantes (TPDES) (EPA I.D. No. TXS _____) para autorizar las descargas del sistema separado municipal de aguas pluviales ubicada dentro de _____ [MS4 location – i.e. the corporate boundary of the City of Lubbock, except agricultural lands, in Lubbock County], Texas. La ruta de descarga es del sistema separado municipal de aguas pluviales a las aguas superficiales del Estado. La TCEQ recibió esta solicitud el día _____ [date received]. La solicitud para el permiso está disponible para leer y copiar en _____ [street address of public place in county in which facility is located].

[Include the following non-italicized sentence if the facility is located in the Coastal Management Program boundary and is an application for a new facility, a major amendment which will increase the pollutant loads to coastal waters or would result in relocation of an outfall to a critical areas, or a renewal with such a major amendment. The Coastal Management Program boundary is the area along the Texas Coast of the Gulf of México as depicted on the map in 31 TAC §503.1 and includes part or all of the following counties: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Aransas, Refugio, Calhoun, Victoria, Jackson, Matagorda, Brazoria, Galveston, Harris, Chambers, Jefferson y Orange. If the application is for amendment that does not meet the above description or a renewal without such a major amendment, do not include the sentence: La solicitud está sujeto a las metas y políticas del Programa de Administración Costero de Texas y debe ser constante con las metas y políticas aplicables del Programa de Administración Costero.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar **comentarios públicos o pedir una reunión pública sobre esta solicitud.** El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud.** Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso. Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA PEDIR UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO, USTED DEBE INCLUIR EN SU PEDIDO LOS SIGUIENTES DATOS: su nombre; dirección; teléfono; nombre del solicitante y número del permiso; la ubicación y la distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; y la declaración "[Yo/nosotros] solicito/solicitamos un/a audiencia administrativa de lo contencioso". Si presenta por parte de un grupo o asociación el pedido para una audiencia administrativa de lo contencioso, debe identificar el nombre y la dirección de una persona que representa al grupo para recibir correspondencia en el futuro; debe identificar un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; debe proveer la información ya indicada anteriormente con respecto a la ubicación del miembro afectado y la distancia de la planta o actividad propuesta; debe explicar como y porqué el miembro sería afectado y como los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de los períodos para los pedidos y comentarios, el Director Ejecutivo enviará la solicitud y los pedidos para reconsideración o por una audiencia administrativa de lo contenciosos a los Comisionados de la TCEQ para su consideración en una reunión programada de la Comisión.

La Comisión otorgará solamente un audiencia administrativa de lo contencioso sobre los hechos reales disputados del caso que son pertinentes y esenciales para la decisión de la Comisión sobre la solicitud. Además, la Comisión sólo otorgará una audiencia administrativa de lo contencioso sobre los asuntos que fueron presentados antes del plazo de vencimiento y que no fueron retirados posteriormente. *[For renewal applications that do not include a major amendment, include: For applications for renewal that do not include a major amendment, include:* **Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso para descargar aguas residuales sin proveer una oportunidad de una audiencia administrativa de lo contencioso.]**

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas de correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

CONTACTOS E INFORMACIÓN DE LA TCEQ. Todos los comentarios escritos del público y los pedidos para una reunión deben ser presentados a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087. Si necesita más información en Español sobre esta solicitud para un permiso o el proceso del permiso, por favor llame a El Programa de Educación Pública de la TCEQ, sin cobro, al 1-800-687-4040. La información general sobre la TCEQ puede ser encontrada en nuestro sitio de la red: www.tceq.state.tx.us.

También se puede obtener información adicional del _____ [*nombre del solicitante*] a la dirección indicada arriba o llamando a _____ [*nombre del representante del solicitante*] al _____ [*número telefónico del solicitante*].

Fecha de emisión _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Public Notice Verification Form

Notice of Receipt of Application and Intent to Obtain Permit

(NORI)

Water Quality Permit

Applicant Name: _____

Site or Facility Name: _____

Water Quality Permit Number: _____

Regulated Entity Number: _____ Customer Number: _____

All applicants must complete all applicable portions of this form. The completed form must be sent to the TCEQ to the attention of the Office of the Chief Clerk. For more information regarding public notice refer to the instructions in the public notice package.

ALTERNATIVE LANGUAGE CHECKLIST

- A. I have contacted the appropriate school district: Yes No
School District: _____ Phone: _____
Person Contacted: _____ Date: _____

- B. A bilingual education program (BEP) is required by the Texas Education Code in the district? Yes No

If answer is NO, skip to 1st question in verification box on next page.

(Note: A BEP is different from an "English as a Second Language" (ESL) program; and Elementary/Middle schools that only offer ESL will not trigger notice in an alternative language.)

A BEP is required in the District, and either:

1. Students in the elementary or middle school nearest the facility are enrolled in a program at that school. Yes No
2. Students from the elementary or middle school nearest the facility attend a BEP at another location. Yes No
3. The school district that otherwise would be required to provide a BEP has been granted an exception from the requirements to provide the program, as provided for in 19 TAC89.1207(a). Yes No

If the answer is YES to **1, 2, or 3** above, then alternative language notice is required.

If the answer is NO to all three **1, 2, and 3** above, then alternative language notice is not required.

- C. The name of the elementary school nearest to the proposed or existing facility is:

- D. The name of the middle school nearest to the proposed or existing facility is:

- E. The following language(s) is/are utilized in the bilingual program:



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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ALTERNATIVE LANGUAGE VERIFICATION

1. A BEP is required by the Texas Education Code in the area addressed by this permit application and is subject to alternative language public notice requirements.

Yes No

(If NO, skip 2 through 5 and complete signature, title, date, and name of applicant.)

2. The applicant has conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located (or proposed to be located.)

Yes No

3. A newspaper or publication could not be found in any of the alternative language(s) in which notice is required.

Yes No

4. The publishers of the newspapers listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located (or proposed to be located).

Yes No

Newspaper: _____ Language: _____

5. Original tear sheets of the newspaper alternative language notice(s) and the requested affidavits have been sent to the TCEQ.

Yes No

Verified by (signature): _____ Applicant: _____

Title: _____ Date: _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Public Notice Verification Form

Notice of Receipt of Application and Intent to Obtain Permit

(NORI)

Water Quality Permit

Applicant Name: _____

Site or Facility Name: _____

Water Quality Permit Number: _____

Regulated Entity Number: _____ Customer Number: _____

All applicants must complete all applicable portions of this form. The completed form must be sent to the TCEQ to the attention of the Office of the Chief Clerk. For more information regarding public notice refer to the instructions in the public notice package.

WATER QUALITY PERMIT NOTICE VERIFICATION

Proof of publication for each newspaper that shows the notice, the date of publication and the name of the newspaper, along with the requested affidavits; have been furnished in accordance with the regulations and instructions of the TCEQ. Yes No

Notice of Receipt of Application and Intent to Obtain Permit (1st Notice):

A copy of the complete water quality application, and any revisions, are available for review and copying beginning on the 1st day of publication of the NORI at the public place indicated below. All documents will remain available for the publications' designated comment period. Yes No

Name of Public Place: _____

Address of Public Place: _____

Verified by (signature): _____

Title: _____ Date: _____

Pauline Cantu

From: Matthews, Cathy <Cathy.Matthews@fortworthtexas.gov>
Sent: Monday, February 22, 2016 10:00 AM
To: Pauline Cantu
Cc: Whittenburg, Cody Montana
Subject: Stormwater permit renewal application for TPDES permit#WQ0004350000 further information

Ms. Cantu,

In response to your request for clarification on the stormwater permit renewal application for TPDES permit # WQ0004350000:

1. The zip codes are as follows for Application Page 9, Item 10 (c)- Zip codes located within the MS4:

76101-76124,76126,76127,76129-76137,76140,76147,76148,76150,76155,76151-76164,76166,76177,76179-76182,76185,76191-76193,76195-76199, and 76244

2. The mailing address for the Tarrant Regional Water District (TRWD) is as it is shown on page 4 of the application. The mailing address is :

(Mr. James Oliver)
TRWD
PO Box 4508
Fort Worth, TX 76164

Thank you for the opportunity to be of assistance to you. If you have any further questions, please feel free to contact me.

Sincerely,

Cathy Matthews

Senior Environmental Specialist
Code Compliance Department-Environmental
817-392-5440(O)
817-480-9020(C)
Cathy.Matthews@fortworthtexas.gov

City of Fort Worth — Working together to build a strong community.



How am I doing? Feel free to contact my supervisor: Michael.Kazda@fortworthtexas.gov

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
TELEPHONE MEMO TO THE FILE

CALL TO: _____

~~922~~ FROM: Pauline Cantu

DATE OF CALL: 2/18/2016

FILE NUMBER: WQ0004350000

PHONE NUMBER: _____

SUBJECT: Renewal for City of Fort Worth and
Tarrant Regional Water District

+

INFORMATION FOR FILE:

Texas Department of Transportation (TXDOT) has been removed from all MS4 Permits. TXDOT filed a statewide application on 3/18/2013, and it was decided due to number of permits that TXDOT was associated with, that no transfer application or application fee was required. However, TXDOT has been removed from all associated permits with other permittees.

SIGNED: _____

Pauline Cantu

**CHECKLIST FOR ADMIN REVIEW OF MS4 APPLICATIONS FOR AN INDIVIDUAL PERMIT -
Phase 1**

Permit No. <u>04350</u>	TXS <u>000901</u>	Review Date: <u>2/8/16</u>
CN <u>000128862</u>	CN <u>000279780</u>	CN
RN <u>103138038</u>	Region:	

ANNUAL FEES

☒ Verified non-delinquency of fees (for all co-permittees)

Delinquent Account and Amount: _____

APPLICATION FEES:

☐ Minor Amend - \$115.00 ☐ New/Major Amendment - \$2,050.00 ☒ Renewal - \$2,015.00

APPLICANT GENERAL INFORMATION

Operator **Co-Applicant(s)**

☒ ☐ Governmental Agencies: City, County, State, Fed, etc. – applicable info is listed

☐ ☒ Other: _____

☒ The address(es) to be used on the permit is provided. ☒ Verify w/USPS ☒ print page; (Note: You will only use the largest city's/agency's address in TRACS.)

☒ Billing contact name, address, and electronic contact information is provided.

REGULATED ENTITY INFORMATION

- ☒ Regulated Entity Name is listed.
☒ County (of largest population) is listed.
☒ Longitude and Latitude of the center of the MS4 are listed. Note: The map link information is not included in the notice because the permitted MS4 area is very wide-spread. There is not actual site.
☒ Primary business of the RE is listed.

CONTACT INFORMATION

- ☒ Application contact name, address and contact information are listed.
☒ Application technical contact name, address and contact information are listed.
☒ DMR contact name, address and contact information are listed.

NOTICE OF RECEIPT INFORMATION

- ☒ Provided the person's name, company name, mailing address, and telephone number of the one individual that will be identified as the notice contact in the two notices that are mailed out and published as part of the permitting process.
- ☒ Provided the name and physical address for the administrative office of the political subdivision where the notice will be posted and the application information will be available for viewing and copying.
- ☒ Indicate by check mark the method for receiving public notice package(s) and instructions to publish.
- ☒ E-mail
☐ Fax
☐ Overnight/Priority mail: (self-addressed, prepaid envelope required)
☒ Regular Mail
- ☒ Bilingual Items 1 – 5 are completed. If "Yes" to question 1 and "Yes" to either questions 2, 3 or 4, then 5 must be completed.

Yes

MISC INFORMATION

- ☒ Listed each person employed by the State of Texas who was paid for services regarding this application.

MS4 SYSTEM INFORMATION

- ☒ Listed the entities which own/operate the MS4(s)
☒ Listed the counties where the MS4 is located.
☒ Marked Edwards Aquifer item.
☒ Provided ZIP codes located within the MS4
☒ Listed name of city that the MS4 is located/nearest to MS4.
- ☒ For an existing MS4: marked if location on the existing permit is correct
If No, provided a more accurate description. []
- N/A* For a new permit: listed a **written location description** of the MS4
☒ Applicant identified whether or not they are on Indian land (if 'yes' we do not have permit authority)
☒ If information filled out for General Land Office, mark on blue sheet for Notice.
N/A Listed the location of the permanent school fund land to be affected.
☒ Described any foreseeable impact or effect of the proposed permitted action on permanent school fund land.

PERMIT INFORMATION

- ☒ Existing MS4 permit number listed, if applicable.
☒ Permit expiration date listed, if applicable.
☒ Marked type of permit for which application is submitted
☒ If permit already exists, check for any requested modifications. If box is checked "yes", check that requested permit modifications are attached. If application is for a renewal and modifications are requested, check with tech team to determine if any of the requested modifications are considered a major amendment.
- ☒ All permit(s) related to the same site are identified and permit numbers are provided.

4. IMPLEMENTATION AND COMPLIANCE

- ☐ Answered question and/or provided written response

DISCHARGE INFORMATION AND RECEIVING WATER BODIES

- ☒ Are currently permitted, points(s) of discharge and discharge route description the same as current permit?
☐ If no, provided a more accurate description
NOTE: CHANGING THE POINT OF DISCHARGE REQUIRES A MAJOR AMENDMENT.

- N/A* For proposed (new permit) discharge into a watercourse - a written description is listed.
☒ If applicable, lists any water bodies that will receive storm water discharges that were not previously identified in the application for the current MS4 permit

REQUIRED ATTACHMENTS

ATTACHMENT 1 -

- ☒ Provided an in-depth description of all proposed modifications for both the permittee and co-permittees.

ATTACHMENT 2 - A USGS topographic quadrangle map or similar map showing:

- ☒ a. The location and boundaries of the MS4, including an area extending at least one (1) mile beyond the service boundaries of the MS4;
☒ b. All point(s) of discharge from the MS4;

- ☒ c. The discharge route, traced with a highlighter from the point(s) of discharge for a distance of three (3) stream miles or to the point that the effluent reaches a classified segment listed in 30 TAC, Chapter 307, Appendix A. (Note: Do not mark with dark ink over the discharge route. A new original map will be required if the discharge route is not visible.);
- ☒ d. A description of the land use activities, including estimations of population density and projected growth for a ten-year period within the MS4 drainage area;
- ☒ e. The location and a description of the activities of each currently operating or closed municipal landfill or the treatment, storage or disposal facility for municipal waste;
- ☒ f. The location of major structural controls for storm water discharge; and
- ☒ g. The identification of publicly owned parks, recreational areas, and other open lands.

****For very large MS4s, these map requirements can be revised upon approval of the TCEQ Wastewater Permitting Section. Check the cover letter and/or accompanying documents to see if the applicant has already contacted the technical staff and received approval to exclude some of the information.**

ATTACHMENT 3:

- ☒ A copy of the Storm Water Management Program

SIGNATURE PAGE

The appropriate signature, as indicated below has been provided, and has been properly notarized. Application must be signed by all applicants/co-permittees.

Operator - Co-Applicant(s)

- | | | |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | City: elected official or principle executive officer of the city. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Water Authority: Regional managers. |
| <input type="checkbox"/> | <input type="checkbox"/> | Governmental Agencies: Division Directors or Regional Directors. |

(SPIF)

- ☒ The SPIF provided with all items completed including USGS map & photographs for Federal Agencies

Core Data Form -

- ☒ Required for new applications (for co-permittees a core data form is required for each permittee) Only required for existing permittees if there is a change to the core data, i.e.: ownership change, name change, or address change

Note: For Blue Sheet: All MS4s are considered to be Major facilities.

Note: For Public Notices: The map url link requirement applies to notices for a facility or a particular site. An MS4 permit can cover very wide-spread areas (and several cities), so the map url requirement doesn't apply to MS4 public notices.



Water Quality Receipt Report

FEB-05-16 09:00 PM

Paid In By: FORT STOCKTON, CITY OF

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M59655A	13651001	CK	121511		03-MAR-15	-\$2000.00
PERMIT APPLICATION								
WATER QUALITY	WQP	M59656A	10708001	CK	121512		03-MAR-15	-\$2000.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M59655B	13651001	CK	121511		03-MAR-15	-\$50.00
WATER QUALITY PMT								
NOTICE FEES WQP	PTGQ	M59656B	10708001	CK	121512		03-MAR-15	-\$50.00
WATER QUALITY PMT								

Paid In By: FORT WORTH, CITY OF

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M615855A	04350000	CK	1114442		29-JAN-16	-\$2000.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M615855B	04350000	CK	1114442		29-JAN-16	-\$15.00
WATER QUALITY PMT								

Paid In By: FOSSIL RIM WILDLIFE CENTER

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	R425628A		CK	11320		05-MAY-14	-\$300.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	R425628B		CK	11320		05-MAY-14	-\$50.00
WATER QUALITY PMT								
WATER QUALITY	WQP	MM526032A	15250001	CK	13905		27-MAY-15	-\$100.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	MM526032B	15250001	CK	13905		27-MAY-15	-\$10.00
WATER QUALITY PMT								

Paid In By: FREDERICKSBURG, CITY OF

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	R428092A	14969001	CK	60524		03-JUN-14	-\$2000.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	R428092B	14969001	CK	60524		03-JUN-14	-\$15.00
WATER QUALITY PMT								

Paid In By: FREER WCID

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M505406A	10088001	CK	39653		04-NOV-14	-\$1200.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M505406B	10088001	CK	39653		04-NOV-14	-\$15.00
WATER QUALITY PMT								

Paid In By: FREESTONE POWER GENERATION LLC

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M613511A	04298000	CK	100008047		15-JAN-16	-\$2000.00
PERMIT APPLICATION					3			
NOTICE FEES WQP	PTGQ	M613511B	04298000	CK	100008047		15-JAN-16	-\$50.00
WATER QUALITY PMT					3			

Paid In By: FRITCH, CITY OF

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	MM51895A	14591001	CK	109078		31-MAR-15	-\$1200.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	MM51895B	14591001	CK	109078		31-MAR-15	-\$15.00
WATER QUALITY PMT								



Basis 2 A/R Outstanding Past Due Transactions Detail Report By Customer Name

FEB-08-16 06:30 AM

Customer Name: FORT SAM HOUSTON

Account #: 90150116

Debtcolpath Stage:

Calls:

PHS	PHS0157407	WATER SYSTEM FEE	FY16	0150116	30-NOV-15	31-DEC-15	\$8076.05
Total of delinquent transactions (Account):							\$8076.05
Total of delinquent transactions (Customer):							\$8076.05

Customer Name: FORT SAM HOUSTON CAMP BULLIS

Account #: 90150118

Debtcolpath Stage:

Calls:

PHS	PHS0157409	WATER SYSTEM FEE	FY16	0150118	30-NOV-15	31-DEC-15	\$175.00
Total of delinquent transactions (Account):							\$175.00
Total of delinquent transactions (Customer):							\$175.00

Customer Name: FORT WORTH AUTOMOTIVE INC

Account #: 23708620

Debtcolpath Stage: AGENCY:REFERRED

Calls:

WDV	WDV0059715	ADMIN PENALTY	FY15	131106PSTE	31-AUG-15	30-SEP-15	\$100.00
WDV	WDV0060307	ADMIN PENALTY	FY16	131106PSTE	30-SEP-15	31-OCT-15	\$100.00
WDV	WDV0060868	ADMIN PENALTY	FY16	131106PSTE	31-OCT-15	30-NOV-15	\$100.00
WDV	WDV0061383	ADMIN PENALTY	FY16	131106PSTE	30-NOV-15	31-DEC-15	\$100.00
WDV	SC00172123	ADMIN PENALTY-DEC 2015			10-DEC-15	10-DEC-15	\$.50
WDV	WDV0059715	COLLECTION COST RECOVERY			08-JAN-16	08-JAN-16	\$25.00
WDV	SC00176352	ADMIN PENALTY-JAN 2016			10-JAN-16	10-JAN-16	\$1.00
WDV	WDV0060307	COLLECTION COST RECOVERY			29-JAN-16	29-JAN-16	\$25.00
Total of delinquent transactions (Account):							\$451.50
Total of delinquent transactions (Customer):							\$451.50

Customer Name: FORTINO PUENTES MEJIA DBA LAS

Account #: 20041069

Debtcolpath Stage: AGENCY:REFERRED

Calls:

GPS	SC00121682	LATE FEE - MAR 2014			10-MAR-14	10-MAR-14	\$7.76
GPS	GPS0185431	GEN PMTS STORMWTR	FY15	TXR05BD28	31-DEC-14	31-JAN-15	\$200.00
GPS	SC00141961	LATE FEE - FEB 2015			10-FEB-15	10-FEB-15	\$10.00
GPS	SC00156275	LATE FEE - MAR 2015			10-MAR-15	10-MAR-15	\$10.00
GPS	SC00158355	LATE FEE - APR 2015			10-APR-15	10-APR-15	\$.70
GPS	GPS0185431	COLLECTION COST RECOVERY			01-MAY-15	01-MAY-15	\$50.00
GPS	SC00160188	LATE FEE - MAY 2015			11-MAY-15	11-MAY-15	\$.70
GPS	SC00161863	LATE FEE - JUN 2015			10-JUN-15	10-JUN-15	\$.70
GPS	SC00163322	LATE FEE - JUL 2015			10-JUL-15	10-JUL-15	\$.70
GPS	SC00164876	LATE FEE - AUG 2015			10-AUG-15	10-AUG-15	\$.70
GPS	SC00166471	LATE FEE - SEP 2015			10-SEP-15	10-SEP-15	\$.70
GPS	SC00168014	LATE FEE - OCT 2015			12-OCT-15	12-OCT-15	\$.70
GPS	SC00169727	LATE FEE - NOV 2015			10-NOV-15	10-NOV-15	\$.70
GPS	SC00171863	LATE FEE - DEC 2015			10-DEC-15	10-DEC-15	\$.70
GPS	SC00176134	LATE FEE - JAN 2016			10-JAN-16	10-JAN-16	\$.70
Total of delinquent transactions (Account):							\$284.76
Total of delinquent transactions (Customer):							\$284.76

Customer Name: FORTSON EQUIPMENT RENTALS INC

Account #: 0014743U

Debtcolpath Stage: WHOLD:REFERRED,UNCOL:EXHAUST

Calls:

UST	OBAL	Opening balance from previous			31-AUG-95	30-SEP-95	\$400.00
UST	UST0389842	U'GROUND TANK FEE TANKS:FY96	31344		06-OCT-95	06-NOV-95	\$200.00
UST	UST0429966	U'GROUND TANK FEE TANKS:FY97	0000031344		30-SEP-96	31-OCT-96	\$200.00
UST	UST0461954	U'GROUND TANK FEE TANKS:FY98	0000031344		30-SEP-97	31-OCT-97	\$200.00
UST	UST0626895	U'GROUND TANK FEE TANKS:FY99	0000031344		30-SEP-03	31-OCT-03	\$200.00
UST	UST0626890	U'GROUND TANK FEE TANKS:FY04	0000031344		30-SEP-03	31-OCT-03	\$200.00
UST	UST0626893	U'GROUND TANK FEE TANKS:FY01	0000031344		30-SEP-03	31-OCT-03	\$200.00
UST	UST0626891	U'GROUND TANK FEE TANKS:FY03	0000031344		30-SEP-03	31-OCT-03	\$200.00
UST	UST0626892	U'GROUND TANK FEE TANKS:FY02	0000031344		30-SEP-03	31-OCT-03	\$200.00
UST	UST0626894	U'GROUND TANK FEE TANKS:FY00	0000031344		30-SEP-03	31-OCT-03	\$200.00



Basis 2 A/R Outstanding Past Due Transactions Detail Report By Customer Name

FEB-08-16 06:30 AM

Customer Name: TARGET CORPORATION

Account #: 0902911

Debtcollpath Stage:

Calls:

VCP	VCP0037926	VOL CLEANUP SEP15	FY16	33951	30-NOV-15	31-DEC-15	\$26.75
Total of delinquent transactions (Account):							\$26.75
Total of delinquent transactions (Customer):							\$26.75

Customer Name: TARIQ LUBNA

Account #: 0063725U

Debtcollpath Stage:

Calls: MAIL

UST	UST0667206	U'GROUND TANK FEE TANKS:FY05	0000011375	30-SEP-05	31-OCT-05	\$150.00	
UST	SC2603-001	LATE FEE FOR UST0667206	0000011375	10-NOV-05	10-DEC-05	\$7.50	
UST	SC2604-001	LATE FEE FOR UST0667206	0000011375	12-DEC-05	12-JAN-06	\$7.50	
UST	SC2605-001	LATE FEE FOR UST0667206	0000011375	10-JAN-06	10-FEB-06	\$1.03	
UST	SC2606-001	LATE FEE FOR UST0667206	0000011375	10-FEB-06	10-MAR-06	\$1.03	
Total of delinquent transactions (Account):							\$167.06
Total of delinquent transactions (Customer):							\$167.06

Customer Name: TARRANT OIL CO

Account #: 0022521U

Debtcollpath Stage: WHOLD:REFERRED,UNCOL:EXHAUST

Calls:

UST	OBAL	Opening balance from previous		31-AUG-95	30-SEP-95	\$400.00	
UST	UST0393830	U'GROUND TANK FEE TANKS:FY96	39060	06-OCT-95	06-NOV-95	\$100.00	
Total of delinquent transactions (Account):							\$500.00

Account #: 0029060U

Debtcollpath Stage: WHOLD:REFERRED,UNCOL:EXHAUST

Calls:

UST	OBAL	Opening balance from previous		31-AUG-95	30-SEP-95	\$900.00	
UST	UST0393831	U'GROUND TANK FEE TANKS:FY96	39061	06-OCT-95	06-NOV-95	\$150.00	
Total of delinquent transactions (Account):							\$1050.00

Account #: 0032158U

Debtcollpath Stage: WHOLD:REFERRED,UNCOL:EXHAUST

Calls:

UST	OBAL	Opening balance from previous		31-AUG-95	30-SEP-95	\$500.00	
UST	UST0579502	U'GROUND TANK FEE TANKS:FY94	0000039082	30-SEP-01	31-OCT-01	\$200.00	
UST	UST0579504	U'GROUND TANK FEE TANKS:FY92	0000039082	30-SEP-01	31-OCT-01	\$200.00	
UST	UST0579503	U'GROUND TANK FEE TANKS:FY93	0000039082	30-SEP-01	31-OCT-01	\$200.00	
UST	UST0579501	U'GROUND TANK FEE TANKS:FY95	0000039082	30-SEP-01	31-OCT-01	\$200.00	
UST	UST0579500	U'GROUND TANK FEE TANKS:FY96	0000039082	30-SEP-01	31-OCT-01	\$200.00	
UST	SC2301-001	LATE FEE FOR UST0579504	0000039082	09-SEP-02	09-OCT-02	\$.96	
UST	SC2301-005	LATE FEE FOR UST0579500	0000039082	09-SEP-02	09-OCT-02	\$.96	
UST	SC2301-004	LATE FEE FOR UST0579501	0000039082	09-SEP-02	09-OCT-02	\$.96	
UST	SC2301-003	LATE FEE FOR UST0579502	0000039082	09-SEP-02	09-OCT-02	\$.96	
UST	SC2301-002	LATE FEE FOR UST0579503	0000039082	09-SEP-02	09-OCT-02	\$.96	
Total of delinquent transactions (Account):							\$1504.80
Total of delinquent transactions (Customer):							\$3054.80

Customer Name: TARRANT WEST LTD

Account #: 20005424

Debtcollpath Stage: UNCOL:EXHAUST

Calls:

GPS	SC2410-001	LATE FEE FOR GPS0012736	TXR150270	10-JUN-04	10-JUL-04	\$.42	
Total of delinquent transactions (Account):							\$.42
Total of delinquent transactions (Customer):							\$.42

Customer Name: TASHI ENTERPRISE INC

Account #: 23702616

Debtcollpath Stage: WHOLD:REFERRED,UNCOL:EXHAUST

Calls: NOTES

WDV	WDV0005482	ADMIN PENALTY	FY06	050334PSTE	31-MAY-06	30-JUN-06	\$4280.00
WDV	SC2701-001	LATE FEE FOR WDV0005482		050334PSTE	11-SEP-06	11-SEP-06	\$21.40
WDV	SC2702-001	LATE FEE FOR WDV0005482		050334PSTE	10-OCT-06	10-OCT-06	\$21.40
WDV	SC2703-001	LATE FEE FOR WDV0005482		050334PSTE	10-NOV-06	10-NOV-06	\$21.40
WDV	SC2704-001	LATE FEE FOR WDV0005482		050334PSTE	11-DEC-06	11-DEC-06	\$21.40



Basis 2 A/R Outstanding Past Due Transactions Detail Report By Customer Name

FEB-08-16 06:30 AM

Customer Name: CITY OF FREEPORT
Account #: 23002446

Debtcollpath Stage:Calls:

CWQ	SC00170958	LATE FEE - DEC 2015	10-DEC-15	10-DEC-15	\$1025.31
Total of delinquent transactions (Account):					\$1025.31
Total of delinquent transactions (Customer):					\$1025.31

Customer Name: CITY OF GARDEN RIDGE
Account #: 90460027

Debtcollpath Stage:Calls: WARHORD

PHS	SC00175207	LATE FEE - JAN 2016	10-JAN-16	10-JAN-16	\$165.55
Total of delinquent transactions (Account):					\$165.55
Total of delinquent transactions (Customer):					\$165.55

Customer Name: CITY OF GOODLOW
Account #: 23003529

Debtcollpath Stage:Calls:

CWQ	CWQ0047447	PERMIT	FY16	0012616001	31-OCT-15	30-NOV-15	\$1250.00
CWQ	SC00171000	LATE FEE - DEC 2015			10-DEC-15	10-DEC-15	\$62.50
CWQ	SC00174885	LATE FEE - JAN 2016			10-JAN-16	10-JAN-16	\$62.50
Total of delinquent transactions (Account):							\$1375.00

Account #: 91750032Debtcollpath Stage:Calls:

PHS	PHS0162539	WATER SYSTEM FEE	FY16	1750032	30-NOV-15	31-DEC-15	\$175.00
PHS	SC00175574	LATE FEE - JAN 2016			10-JAN-16	10-JAN-16	\$8.75
Total of delinquent transactions (Account):							\$183.75
Total of delinquent transactions (Customer):							\$1558.75

Customer Name: CITY OF GROVES
Account #: 23006665

Debtcollpath Stage:Calls:

CWQ	SC00172202	LATE FEE - DEC 2015	10-DEC-15	10-DEC-15	\$1598.10
Total of delinquent transactions (Account):					\$1598.10
Total of delinquent transactions (Customer):					\$1598.10

Customer Name: CITY OF HONDO
Account #: 91630002

Debtcollpath Stage:Calls:

PHS	SC00175532	LATE FEE - JAN 2016	10-JAN-16	10-JAN-16	\$404.84
Total of delinquent transactions (Account):					\$404.84
Total of delinquent transactions (Customer):					\$404.84

Customer Name: CITY OF JOHNSON CITY
Account #: 23001752

Debtcollpath Stage:Calls:

CWQ	SC00170944	LATE FEE - DEC 2015	10-DEC-15	10-DEC-15	\$83.60
Total of delinquent transactions (Account):					\$83.60
Total of delinquent transactions (Customer):					\$83.60

Customer Name: CITY OF KERRVILLE SCHREINER PA
Account #: 91330021

Debtcollpath Stage:Calls:

PHS	PHS0161401	WATER SYSTEM FEE	FY16	1330021	30-NOV-15	31-DEC-15	\$100.00
Total of delinquent transactions (Account):							\$100.00
Total of delinquent transactions (Customer):							\$100.00



Basis 2 A/R Outstanding Past Due Transactions Detail Report By Customer Name

FEB-08-16 06:30 AM

Customer Name: CITY OF FREEPORT
Account #: 23002446

Debtcollpath Stage:Calls:

CWQ	SC00170958	LATE FEE - DEC 2015	10-DEC-15	10-DEC-15	\$1025.31
Total of delinquent transactions (Account):					\$1025.31
Total of delinquent transactions (Customer):					\$1025.31

Customer Name: CITY OF GARDEN RIDGE
Account #: 90460027

Debtcollpath Stage:Calls: WARNORD

PHS	SC00175207	LATE FEE - JAN 2016	10-JAN-16	10-JAN-16	\$165.55
Total of delinquent transactions (Account):					\$165.55
Total of delinquent transactions (Customer):					\$165.55

Customer Name: CITY OF GOODLOW
Account #: 23003529

Debtcollpath Stage:Calls:

CWQ	CWQ0047447	PERMIT	FY16	0012616001	31-OCT-15	30-NOV-15	\$1250.00
CWQ	SC00171000	LATE FEE - DEC 2015			10-DEC-15	10-DEC-15	\$62.50
CWQ	SC00174885	LATE FEE - JAN 2016			10-JAN-16	10-JAN-16	\$62.50
Total of delinquent transactions (Account):							\$1375.00

Account #: 91750032Debtcollpath Stage:Calls:

PHS	PHS0162539	WATER SYSTEM FEE	FY16	1750032	30-NOV-15	31-DEC-15	\$175.00
PHS	SC00175574	LATE FEE - JAN 2016			10-JAN-16	10-JAN-16	\$8.75
Total of delinquent transactions (Account):							\$183.75
Total of delinquent transactions (Customer):							\$1558.75

Customer Name: CITY OF GROVES
Account #: 23006665

Debtcollpath Stage:Calls:

CWQ	SC00172202	LATE FEE - DEC 2015	10-DEC-15	10-DEC-15	\$1598.10
Total of delinquent transactions (Account):					\$1598.10
Total of delinquent transactions (Customer):					\$1598.10

Customer Name: CITY OF HONDO
Account #: 91630002

Debtcollpath Stage:Calls:

PHS	SC00175532	LATE FEE - JAN 2016	10-JAN-16	10-JAN-16	\$404.84
Total of delinquent transactions (Account):					\$404.84
Total of delinquent transactions (Customer):					\$404.84

Customer Name: CITY OF JOHNSON CITY
Account #: 23001752

Debtcollpath Stage:Calls:

CWQ	SC00170944	LATE FEE - DEC 2015	10-DEC-15	10-DEC-15	\$83.60
Total of delinquent transactions (Account):					\$83.60
Total of delinquent transactions (Customer):					\$83.60

Customer Name: CITY OF KERRVILLE SCHREINER PA
Account #: 91330021

Debtcollpath Stage:Calls:

PHS	PHS0161401	WATER SYSTEM FEE	FY16	1330021	30-NOV-15	31-DEC-15	\$100.00
Total of delinquent transactions (Account):							\$100.00
Total of delinquent transactions (Customer):							\$100.00

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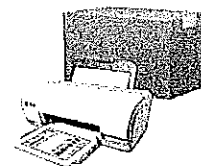
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Basis 2 A/R Outstanding Past Due Transactions Detail Report By Customer Name

FEB-08-16 06:30 AM

Customer Name: TEXAS DELTA CONSTRUCTION INC

Account #: 20007204

Debtcollpath Stage: WHOLD:REFERRED,UNCOL:EXHAUST

Calls:

GPS	GPS0017510	GEN PMTS STORMWTR	FY04	TXR154510	31-JAN-04	29-FEB-04	\$100.00
GPS	SC2407-001	LATE FEE FOR GPS0017510		TXR154510	10-MAR-04	10-APR-04	\$5.00
GPS	SC2408-001	LATE FEE FOR GPS0017510		TXR154510	12-APR-04	12-MAY-04	\$5.00
GPS	SC2409-001	LATE FEE FOR GPS0017510		TXR154510	10-MAY-04	10-JUN-04	\$.42
GPS	SC2410-001	LATE FEE FOR GPS0017510		TXR154510	10-JUN-04	10-JUL-04	\$.42
GPS	SC2411-001	LATE FEE FOR GPS0017510		TXR154510	12-JUL-04	12-AUG-04	\$.42
GPS	SC2412-001	LATE FEE FOR GPS0017510		TXR154510	10-AUG-04	10-SEP-04	\$.42
GPS	SC2501-001	LATE FEE FOR GPS0017510		TXR154510	07-SEP-04	07-OCT-04	\$.42
GPS	SC2502-001	LATE FEE FOR GPS0017510		TXR154510	11-OCT-04	11-NOV-04	\$.42
GPS	SC2503-001	LATE FEE FOR GPS0017510		TXR154510	10-NOV-04	10-DEC-04	\$.42
GPS	SC2504-001	LATE FEE FOR GPS0017510		TXR154510	10-DEC-04	10-JAN-05	\$.42
GPS	GPS0031894	GEN PMTS STORMWTR	FY05	TXR154510	31-DEC-04	31-JAN-05	\$100.00
GPS	SC2505-001	LATE FEE FOR GPS0017510		TXR154510	10-JAN-05	10-FEB-05	\$.44
GPS	SC2506-002	LATE FEE FOR GPS0017510		TXR154510	10-FEB-05	10-MAR-05	\$.52
GPS	SC2506-001	LATE FEE FOR GPS0031894		TXR154510	10-FEB-05	10-MAR-05	\$5.00
GPS	SC2507-001	LATE FEE FOR GPS0031894		TXR154510	10-MAR-05	10-APR-05	\$5.00
GPS	SC2507-002	LATE FEE FOR GPS0017510		TXR154510	10-MAR-05	10-APR-05	\$.52
GPS	SC2508-001	LATE FEE FOR GPS0031894		TXR154510	11-APR-05	11-MAY-05	\$.52
GPS	SC2508-002	LATE FEE FOR GPS0017510		TXR154510	11-APR-05	11-MAY-05	\$.52
GPS	SC2509-002	LATE FEE FOR GPS0017510		TXR154510	10-MAY-05	10-JUN-05	\$.52
GPS	SC2509-001	LATE FEE FOR GPS0031894		TXR154510	10-MAY-05	10-JUN-05	\$.52
GPS	SC2510-002	LATE FEE FOR GPS0017510		TXR154510	09-JUN-05	09-JUL-05	\$.52
GPS	SC2510-001	LATE FEE FOR GPS0031894		TXR154510	09-JUN-05	09-JUL-05	\$.52
GPS	GPS0053076	GEN PMTS STORMWTR	FY06	TXR154510	31-DEC-05	31-JAN-06	\$100.00
GPS	GPS0078660	GEN PMTS STORMWTR	FY07	TXR154510	31-DEC-06	31-JAN-07	\$100.00
GPS	GPS0104556	GEN PMTS STORMWTR	FY08	TXR154510	31-DEC-07	31-JAN-08	\$100.00

Total of delinquent transactions (Account): \$527.96

Total of delinquent transactions (Customer): \$527.96

Customer Name: TEXAS DEPARTMENT OF TRANSPORTA

Account #: 23002729

Debtcollpath Stage:

Calls:

CWQ	CWQ0047022	PERMIT	FY16	0011311001	31-OCT-15	30-NOV-15	\$1250.00
CWQ	CWQ0048280	PERMIT	FY16	0014768001	31-OCT-15	30-NOV-15	\$1250.00

Total of delinquent transactions (Account): \$2500.00

Account #: 23003149

Debtcollpath Stage:

Calls:

CWQ	CWQ0047277	PERMIT	FY16	0012009001	31-OCT-15	30-NOV-15	\$1250.00
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Total of delinquent transactions (Account): \$1250.00

Account #: 23003176

Debtcollpath Stage:

Calls:

CWQ	CWQ0047282	PERMIT	FY16	0012024001	31-OCT-15	30-NOV-15	\$1250.00
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Total of delinquent transactions (Account): \$1250.00

Account #: 23003937

Debtcollpath Stage:

Calls:

CWQ	CWQ0047607	PERMIT	FY16	0013412001	31-OCT-15	30-NOV-15	\$1250.00
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Total of delinquent transactions (Account): \$1250.00

Account #: 23005335

Debtcollpath Stage:

Calls:

CWQ	CWQ0045832	PERMIT	FY16	0004521000	31-OCT-15	30-NOV-15	\$500.00
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Total of delinquent transactions (Account): \$500.00

Account #: 23005340

Debtcollpath Stage:

Calls:

CWQ	CWQ0045834	PERMIT	FY16	0004527000	31-OCT-15	30-NOV-15	\$500.00
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Total of delinquent transactions (Account): \$500.00

Account #: 23005477

Debtcollpath Stage:

Calls:



Basis 2 A/R Outstanding Past Due Transactions Detail Report By Customer Name

FEB-08-16 06:30 AM

Customer Name: TEXAS DEPARTMENT OF TRANSPORTAAccount #: 23005477Debtcollpath Stage:Calls:

CWQ	CWQ0045850	PERMIT	FY16	0004644000	31-OCT-15	30-NOV-15	\$500.00
Total of delinquent transactions (Account):							\$500.00

Account #: 23005478Debtcollpath Stage:Calls:

CWQ	CWQ0045851	PERMIT	FY16	0004645000	31-OCT-15	30-NOV-15	\$500.00
Total of delinquent transactions (Account):							\$500.00

Account #: 23005657Debtcollpath Stage:Calls:

CWQ	CWQ0045831	PERMIT	FY16	0004520000	31-OCT-15	30-NOV-15	\$500.00
Total of delinquent transactions (Account):							\$500.00

Account #: 23005870Debtcollpath Stage:Calls:

CWQ	CWQ0048196	PERMIT	FY16	0014619001	31-OCT-15	30-NOV-15	\$1250.00
Total of delinquent transactions (Account):							\$1250.00

Account #: 23005946Debtcollpath Stage:Calls:

CWQ	CWQ0048215	PERMIT	FY16	0014647001	31-OCT-15	30-NOV-15	\$1250.00
Total of delinquent transactions (Account):							\$1250.00

Account #: 23005960Debtcollpath Stage:Calls:

CWQ	CWQ0048243	PERMIT	FY16	0014698001	31-OCT-15	30-NOV-15	\$1250.00
Total of delinquent transactions (Account):							\$1250.00

Account #: 23006055Debtcollpath Stage:Calls:

CWQ	CWQ0048279	PERMIT	FY16	0014767001	31-OCT-15	30-NOV-15	\$1250.00
Total of delinquent transactions (Account):							\$1250.00

Account #: 23006070Debtcollpath Stage:Calls:

CWQ	CWQ0048298	PERMIT	FY16	0014796001	31-OCT-15	30-NOV-15	\$1250.00
Total of delinquent transactions (Account):							\$1250.00

Account #: 23006113Debtcollpath Stage:Calls:

CWQ	CWQ0048343	PERMIT	FY16	0014854001	31-OCT-15	30-NOV-15	\$1250.00
Total of delinquent transactions (Account):							\$1250.00

Account #: 23006713Debtcollpath Stage:Calls:

CWQ	CWQ0045997	PERMIT	FY16	0005011000	31-OCT-15	30-NOV-15	\$500.00
Total of delinquent transactions (Account):							\$500.00
Total of delinquent transactions (Customer):							\$16750.00

Customer Name: TEXAS DISPOSAL SYSTEMS LANDFILAccount #: 0708598Debtcollpath Stage:Calls:

SWD	SC00174576	LATE FEE - JAN 2016			10-JAN-16	10-JAN-16	\$8207.17
Total of delinquent transactions (Account):							\$8207.17
Total of delinquent transactions (Customer):							\$8207.17

Customer Name: TEXAS DOCKS & RAIL COMPANY LTDAccount #: 20035736Debtcollpath Stage:Calls:

INDUSTRIAL/MUNICIPAL APPLICATIONS ROUTE SHEET

New _____

Major Amend _____

Minor Amend _____

Renewal ☒ _____

Major Facility ☒ _____

Application Reviewer ☒ Technical Reviewer _____

DATE APPLICATION RECEIVED 2/1/16

PERMIT NUMBER 4350 000

PRE PREVIEW BY STANDARDS (RWA) _____
Applies to new and major amendments, Discharge
Only. The original applications must be returned to
the applications team within 4 hours of receipt.

N/A ☒

PREVIEW BY GROUNDWATER _____
Applies to new and major amendments,
and TLAP Renewals for Industrial

N/A ☒

Stormwater
PRE TECH REVIEW REQUIRED 2/1/16
Applies to new, major amendments
and major facilities for Municipal

N/A _____

COASTAL ZONE DETERMINATION _____
Route copy of new application when he
facility is located in the noted county

N/A ☒

COMMENTS ARE DUE TO APPLICATIONS TEAM BY CLOSING ON 2/8/16

PRE TECH REVIEW PERFORMED BY _____

THE ATTACHMENT SHOULD BE PROVIDED TO THE APPLICATIONS
TEAM AT THE END OF THE 5TH WORKING DAY

Coastal Zone Determination

(To Be Verified Upon Receipt Of The Application)

Permit Number 4350 800

County Tarrant

Indicate Type of Application:

☒ Renewal ☐ Minor Amendment ☐ Major Amendment

Is the facility on the Coastal Zone list?

☐ YES (Coastal Zone statement will be included in the "Notice of Draft Permit") (If a major amendment - statement will be included in the "Notice of Receipt")

☒ NO (Do not include statement in any notice)

☐ New

☐ Major Amendment

Is the facility located in one of the following counties?

<input type="checkbox"/> Aransas	<input type="checkbox"/> Galveston	<input type="checkbox"/> Kleberg	<input type="checkbox"/> San Patricio
<input type="checkbox"/> Brazoria	<input type="checkbox"/> Harris	<input type="checkbox"/> Matagorda	<input type="checkbox"/> Victoria
<input type="checkbox"/> Calhoun	<input type="checkbox"/> Jackson	<input type="checkbox"/> Nueces	<input type="checkbox"/> Willacy
<input type="checkbox"/> Cameron	<input type="checkbox"/> Jefferson	<input type="checkbox"/> Orange	
<input type="checkbox"/> Chambers	<input type="checkbox"/> Kenedy	<input type="checkbox"/> Refugio	

☐ YES Send the application to Water Quality Assessment Team for Coastal Zone Determination.

☐ NO No further review needed (Do not include statement in any notice)

Water Quality Assessment Team's determination:

Is the discharge in the Coastal Zone?

☐ YES Coastal Zone statement shall be included in the Admin Complete Notice

☐ NO Do not include statement in the Admin Complete Notice

Return to Applications Team by _____